

SAFETY DATA SHEET


according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 1 of 8

Revision: 0

Revision date: 03.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean 5040 HSF
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Skin Sens. 1- May cause an allergic skin reaction.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	Pictograms and Signal Words:  Warning H317 May cause an allergic skin reaction. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	No Significant Hazard
Further information	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 2 of 8

Revision: 0

Revision date: 03.03.2017

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable: this product is regulated as a mixture.

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	45-50	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	30-35	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	1,0-5,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose off safely.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 3 of 8

Revision: 0

Revision date: 03.03.2017

5. FIRE-FIGHTING MEASURES	
5.1. Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO ₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.
5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 4 of 8

Revision: 0

Revision date: 03.03.2017

8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50-15,00 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 5 of 8

Revision: 0

Revision date: 03.03.2017

10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.
----------------	---

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
45-50 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL ₅₀ a) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
30-35 %	Base oil - unspecified - Residual oils (petroleum), solvent- dewaxed	CAS:64742-62-7 EC:265-166-0	EL ₅₀ a) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 6 of 8

Revision: 0

Revision date: 03.03.2017

Quantity	Component	Ident. Numb	Ecotox Infos.
0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates : EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae : EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

15. REGULATORY INFORMATION

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 7 of 8

Revision: 0

Revision date: 03.03.2017

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
Chemical safety assessment	No data available on this product.
16. OTHER INFORMATION	
Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD₅₀: Lethal Dose to 50 % of a test population. LC₅₀: Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.</p>

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean 5040 HSF

Page: 8 of 8

Revision: 0

Revision date: 03.03.2017

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Skin Sens. 1- May cause an allergic skin reaction.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET


according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 1 of 8

Revision: 0

Revision date: 10.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean CCL 17 ULSF
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Skin Sens. 1 May cause an allergic skin reaction. Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	 Warning H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects. Precautionary statements: P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. Contains: Benzene, polypropene derivatives, sulfonated, calcium salts. May produce an allergic reaction.
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	No Significant Hazard

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 2 of 8

Revision: 0

Revision date: 10.03.2017

Further information

	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
--	--

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

	Not applicable: this product is regulated as a mixture.
--	---

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	30-35	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	50-55	Product is not classified
Benzene, polypropene derivatives, sulfonated, calcium salts	-	-	polymer	01-2120040541-70	1-5 %	Eye Irrit. 2, H319 Skin Sens. 1B; H317
Phenol, dodecyl-, branched	-	-	310-154-3	01-2119513207-49	0.1-1.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Description

	All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.
--	---

Further information

	Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.
--	--

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose off safely.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

	No further relevant information available.
--	--

4.3. Indication of any immediate medical attention and special treatment needed

	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
--	--

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 3 of 8

Revision: 0

Revision date: 10.03.2017

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO ₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.
5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
--	--

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 4 of 8

Revision: 0

Revision date: 10.03.2017

8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	382 °C
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	19,50-21,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 5 of 8

Revision: 0

Revision date: 10.03.2017

10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Contains: Benzene, polypropene derivatives, sulfonated, calcium salts. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
----------------	--

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
30-35 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL _{50 a}) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
50-55 %	Base oil - unspecified - Residual oils (petroleum), solvent- dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL _{50 a}) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 6 of 8

Revision: 0

Revision date: 10.03.2017

Quantity	Component	Ident. Numb	Ecotox Infos.
0.1-1.0 %	Phenol, dodecyl-, branched	EC: 310-154-3	LC ₅₀ (Fathead Minnow, 4 d): 40 mg/l EC ₅₀ (Water flea (Daphnia magna), 2 d): 0.037 mg/l EC ₅₀ (Shrimp (Mysidopsis Bahia), 4 d): > 0.58 mg/l EC ₅₀ (Water flea (Daphnia magna), 21 d): 0.0079 mg/l NOEC (Water flea (Daphnia magna), 21 d): 0.0037 mg/l EC ₅₀ (Green algae (Scenedesmus quadricauda), 2 d): 0.36 mg/l

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable. Phenol, dodecyl-, branched _Stum 28d 25.0 %
12.3. Bio accumulative potential	No date is available on this product. Component: Phenol, dodecyl-, branched BCF - Bioconcentration factor 28d _ 2.90 Kow - Partition coefficient 0.1d _ 7.10
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 7 of 8

Revision: 0

Revision date: 10.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. Class 1: slightly hazardous for water. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the substances contained: None
---	--

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
---	---

Legend to abbreviations and acronyms used in the safety data sheet:	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC ₅₀ : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
--	---

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 17 ULSF

Page: 8 of 8

Revision: 0

Revision date: 10.03.2017

Legend to abbreviations and acronyms used in the safety data sheet:

LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Skin Sens. 1 May cause an allergic skin reaction. Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision

New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 1 of 8

Revision: 0

Revision date: 02.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 1230
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP)
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Special Provisions: EUH210: Safety data sheet available on request. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 2 of 8

Revision: 0

Revision date: 02.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	60-65	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	25-30	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	0,1-1,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411
Zinc bis[O-(6-methylheptyl)] bis[O-(secbutyl)] bis(dithiophosphate)	-	-	298-577-9	01-2119543726-33	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 3 of 8

Revision: 0

Revision date: 02.03.2017

5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 4 of 8

Revision: 0

Revision date: 02.03.2017

Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	11,00-12,50mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 5 of 8

Revision: 0

Revision date: 02.03.2017

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.		
11. TOXICOLOGICAL INFORMATION			
11.1. Information on toxicological effects			
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.		
Toxicological information on main components of the mixture:			
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³		
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.		
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.		
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.		
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).		
12. ECOLOGICAL INFORMATION			
12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.		
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
60-65%	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
25-30%	Base oil - unspecified - Residual oils (petroleum), solvent- dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0,1-0,5%	Phosphorodithioic acid, mixed O,O- bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical

Details that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 6 of 8

Revision: 0

Revision date: 02.03.2017

0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.
0,1-0,5%	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	EC:298-577-9	Toxicity to fish: LC ₅₀ (Oncorhynchus mykiss), 96h: 4,5 mg/l. Test Method: semi-static test. Analytical monitoring: no. Test substance: Read across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48h 5,4 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EbC ₅₀ (Selenastrum capricornutum (green algae)), 96h 2,1 mg/l Test Method: static test. Analytical monitoring: yes. Test substance: Read-across (Analogy). Method: OECD Test Guideline 201 Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 7 of 8

Revision: 0

Revision date: 02.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
---	--

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
---	--

Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).</p>
--	--

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1230

Page: 8 of 8

Revision: 0

Revision date: 02.03.2017

Legend to abbreviations and acronyms used in the safety data sheet:

LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision

New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 1 of 7

Revision: 1

Revision date: 02.02.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 1240
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP)
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Special Provisions: EUH210: Safety data sheet available on request. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 2 of 7

Revision: 1

Revision date: 02.02.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	50-55	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	40-45	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	0,1-1,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 3 of 7

Revision: 1

Revision date: 02.02.2017

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 4 of 7

Revision: 1

Revision date: 02.02.2017

Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
--	--

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50-15,00 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.
---	---

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 5 of 7

Revision: 1

Revision date: 02.02.2017

Toxicological information on main components of the mixture:			
Acute Toxicity of base oils		Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³	
Skin corrosion/irritation		Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.	
Serious eye damage/irritation		Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.	
Respiratory Irritation		If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.	
Respiratory or skin sensitization		Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.	
Carcinogenicity		The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).	
12. ECOLOGICAL INFORMATION			
12.1. Toxicity		Adopt good working practices, so that the product is not released into the environment.	
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
50-55 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21days = 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
40-45 %	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
12.2. Persistence and degradability		Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.	
12.3. Bio accumulative potential		No data is available on this product.	
12.4. Mobility in soil		Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.	
12.5. Results of PBT and vPvB assessment		No PBT Ingredients are present.	

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 6 of 7

Revision: 1

Revision date: 02.02.2017

12.6. Other adverse effects	No components with environmental hazard properties.
13. DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMATION	
Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None
Chemical safety assessment	No data available on this product.
16. OTHER INFORMATION	
Text of Hazard statements in Section 3	H317 May cause an allergic skin reaction. H413 May cause long lasting harmful effects to aquatic life.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1240

Page: 7 of 7

Revision: 1

Revision date: 02.02.2017

Legend to abbreviations and acronyms used in the safety data sheet:	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC ₅₀ : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD ₅₀ : Lethal Dose to 50 % of a test population. LC ₅₀ : Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.
Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)	
Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	Calculation method.
Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision 1	This document differs from the previous version in the following areas: 3. Composition/information on ingredients. 11. Toxicological information 16. Other information

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 1 of 8

Revision: 0

Revision date: 02.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 1530
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP)
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Special Provisions: EUH210: Safety data sheet available on request. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 2 of 8

Revision: 0

Revision date: 02.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	60-65	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	25-30	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	0,1-1,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411
Zinc bis[O-(6-methylheptyl)] bis[O-(secbutyl)] bis(dithiophosphate)	-	-	298-577-9	01-2119543726-33	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 3 of 8

Revision: 0

Revision date: 02.03.2017

5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 4 of 8

Revision: 0

Revision date: 02.03.2017

Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	11,00-12,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 5 of 8

Revision: 0

Revision date: 02.03.2017

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.		
11. TOXICOLOGICAL INFORMATION			
11.1. Information on toxicological effects			
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.		
Toxicological information on main components of the mixture:			
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³		
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.		
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.		
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.		
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).		
12. ECOLOGICAL INFORMATION			
12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.		
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
60-65%	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
25-30%	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 6 of 8

Revision: 0

Revision date: 02.03.2017

0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.
0,1-0,5%	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	EC:298-577-9	Toxicity to fish: LC ₅₀ (Oncorhynchus mykiss), 96h: 4,5 mg/l. Test Method: semi-static test. Analytical monitoring: no. Test substance: Read across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48h 5,4 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EbC ₅₀ (Selenastrum capricornutum (green algae)), 96h 2,1 mg/l Test Method: static test. Analytical monitoring: yes. Test substance: Read-across (Analogy). Method: OECD Test Guideline 201 Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 7 of 8

Revision: 0

Revision date: 02.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
---	---

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
---	--

Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).</p>
--	--

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1530

Page: 8 of 8

Revision: 0

Revision date: 02.03.2017

Legend to abbreviations and acronyms used in the safety data sheet:

LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision

New version

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 1 of 8

Revision: 0

Revision date: 02.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 1540
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP)
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Special Provisions: EUH210: Safety data sheet available on request. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 2 of 8

Revision: 0

Revision date: 02.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	50-55	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	35-40	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	0,1-1,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411
Zinc bis[O-(6-methylheptyl)] bis[O-(secbutyl)] bis(dithiophosphate)	-	-	298-577-9	01-2119543726-33	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 3 of 8

Revision: 0

Revision date: 02.03.2017

5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 4 of 8

Revision: 0

Revision date: 02.03.2017

Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50-15,00 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 5 of 8

Revision: 0

Revision date: 02.03.2017

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.		
11. TOXICOLOGICAL INFORMATION			
11.1. Information on toxicological effects			
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.		
Toxicological information on main components of the mixture:			
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³		
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.		
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.		
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.		
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).		
12. ECOLOGICAL INFORMATION			
12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.		
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
50-55%	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
35-40%	Base oil - unspecified - Residual oils (petroleum), solvent- dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0,1-0,5%	Phosphorodithioic acid, mixed O,O- bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical

Details that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 6 of 8

Revision: 0

Revision date: 02.03.2017

0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.
0,1-0,5%	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	EC:298-577-9	Toxicity to fish: LC ₅₀ (Oncorhynchus mykiss), 96h: 4,5 mg/l. Test Method: semi-static test. Analytical monitoring: no. Test substance: Read across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48h 5,4 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EbC ₅₀ (Selenastrum capricornutum (green algae)), 96h 2,1 mg/l Test Method: static test. Analytical monitoring: yes. Test substance: Read-across (Analogy). Method: OECD Test Guideline 201 Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 7 of 8

Revision: 0

Revision date: 02.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
---	--

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
---	--

Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).</p>
--	--

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 1540

Page: 8 of 8

Revision: 0

Revision date: 02.03.2017

Legend to abbreviations and acronyms used in the safety data sheet:

LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision

New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 1 of 8

Revision: 0

Revision date: 02.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 2030
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP)
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Special Provisions: EUH210: Safety data sheet available on request. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 2 of 8

Revision: 0

Revision date: 02.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	60-65	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	20-25	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	0,1-1,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411
Zinc bis[O-(6-methylheptyl)] bis[O-(secbutyl)] bis(dithiophosphate)	-	-	298-577-9	01-2119543726-33	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 3 of 8

Revision: 0

Revision date: 02.03.2017

5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 4 of 8

Revision: 0

Revision date: 02.03.2017

Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	11,00-12,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 5 of 8

Revision: 0

Revision date: 02.03.2017

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.		
11. TOXICOLOGICAL INFORMATION			
11.1. Information on toxicological effects			
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.		
Toxicological information on main components of the mixture:			
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³		
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.		
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.		
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.		
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).		
12. ECOLOGICAL INFORMATION			
12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.		
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
60-65%	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
20-25%	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 6 of 8

Revision: 0

Revision date: 02.03.2017

0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.
0,1-0,5%	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	EC:298-577-9	Toxicity to fish: LC ₅₀ (Oncorhynchus mykiss), 96h: 4,5 mg/l. Test Method: semi-static test. Analytical monitoring: no. Test substance: Read across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48h 5,4 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EbC ₅₀ (Selenastrum capricornutum (green algae)), 96h 2,1 mg/l Test Method: static test. Analytical monitoring: yes. Test substance: Read-across (Analogy). Method: OECD Test Guideline 201 Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 7 of 8

Revision: 0

Revision date: 02.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
---	---

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
---	--

Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).</p>
--	--

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2030

Page: 8 of 8

Revision: 0

Revision date: 02.03.2017

Legend to abbreviations and acronyms used in the safety data sheet:

LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision

New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 1 of 8

Revision: 0

Revision date: 02.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 2040
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP)
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP). Special Provisions: EUH210: Safety data sheet available on request. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3 SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 2 of 8

Revision: 0

Revision date: 02.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	50-55	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	35-40	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	0,1-1,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411
Zinc bis[O-(6-methylheptyl)] bis[O-(secbutyl)] bis(dithiophosphate)	-	-	298-577-9	01-2119543726-33	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

Details
that make it work

GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 3 of 8

Revision: 0

Revision date: 02.03.2017

5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 4 of 8

Revision: 0

Revision date: 02.03.2017

Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50- 15,00 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 5 of 8

Revision: 0

Revision date: 02.03.2017

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.		
11. TOXICOLOGICAL INFORMATION			
11.1. Information on toxicological effects			
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.		
Toxicological information on main components of the mixture:			
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³		
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.		
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.		
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.		
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).		
12. ECOLOGICAL INFORMATION			
12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.		
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
50-55 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
35-40 %	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD

Details that make it work

GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 6 of 8

Revision: 0

Revision date: 02.03.2017

			Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.
0,1-0,5%	Zinc bis[O-(6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	EC:298-577-9	Toxicity to fish: LC ₅₀ (Oncorhynchus mykiss), 96h: 4,5 mg/l. Test Method: semi-static test. Analytical monitoring: no. Test substance: Read across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates: EL ₅₀ (Daphnia magna (Water flea)), 48h 5,4 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae: EbC ₅₀ (Selenastrum capricornutum (green algae)), 96h 2,1 mg/l Test Method: static test. Analytical monitoring: yes. Test substance: Read-across (Analogy). Method: OECD Test Guideline 201 Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 7 of 8

Revision: 0

Revision date: 02.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
---	---

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
---	--

Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD₅₀: Lethal Dose to 50 % of a test population. LC₅₀: Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.</p>
--	--

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



3SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 2040

Page: 8 of 8

Revision: 0

Revision date: 02.03.2017

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET


according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 1 of 8

Revision: 0

Revision date: 03.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 3030
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Skin Sens. 1- May cause an allergic skin reaction.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	Pictograms and Signal Words:  Warning H317 May cause an allergic skin reaction. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	No Significant Hazard

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 2 of 8

Revision: 0

Revision date: 03.03.2017

Further information

This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable: this product is regulated as a mixture.

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	50-55	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	35-40	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	1,0-5,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose off safely.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 3 of 8

Revision: 0

Revision date: 03.03.2017

Ingestion	No further relevant information available.
4.3. Indication of any immediate medical attention and special treatment needed	
	Seek medical attention if irritation or symptoms persist
5. FIRE-FIGHTING MEASURES	
5.1. Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO ₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.
5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 4 of 8

Revision: 0

Revision date: 03.03.2017

8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	11,00-12,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 5 of 8

Revision: 0

Revision date: 03.03.2017

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.
-----------------------	---

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
50-55 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 6 of 8

Revision: 0

Revision date: 03.03.2017

Quantity	Component	Ident. Numb	Ecotox Infos.
35-40%	Base oil - unspecified - Residual oils (petroleum), solvent- dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0,1-0,5%	Phosphorodithioic acid, mixed O,O- bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read- across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates : EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae : EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non- readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 7 of 8

Revision: 0

Revision date: 03.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Dir. 2006/8/EC
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) 2015/830
Provisions related to directive EU 2012/18 (Seveso III):
German Water Hazard Class. N.A.
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None

Chemical safety assessment

No data available on this product.

16. OTHER INFORMATION

Text of Hazard statements in Section 3

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DMSO: Dimethyl sulfoxide.
EC₅₀: Half Maximal Effective Concentration.
EINECS: European Inventory of Existing Commercial Chemical Substances.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3030

Page: 8 of 8

Revision: 0

Revision date: 03.03.2017

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Skin Sens. 1- May cause an allergic skin reaction.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET


according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 1 of 8

Revision: 0

Revision date: 03.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 3040
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Skin Sens. 1- May cause an allergic skin reaction.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	Pictograms and Signal Words:  Warning H317 May cause an allergic skin reaction. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 2 of 8

Revision: 0

Revision date: 03.03.2017

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable: this product is regulated as a mixture.

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	50-55	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	35-40	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	1,0-5,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413
Phosphorodithioic acid, mixed O,Obis(iso-Bu and pentyl) esters, zinc salts	-	-	270-608-0	01-2119493628-22	0,1-0,5	Skin Irrit. 2 H315 Eye Dam. 1 H318 Aquatic Chronic 2 H411

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose off safely.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No further relevant information available.
Eye contact	No further relevant information available.
Skin contact	No further relevant information available.
Ingestion	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 3 of 8

Revision: 0

Revision date: 03.03.2017

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO ₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.
5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
--	--

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.

Details
that make it work



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 4 of 8

Revision: 0

Revision date: 03.03.2017

8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 6 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50- 15,00 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 5 of 8

Revision: 0

Revision date: 03.03.2017

10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.
----------------	---

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
50-55 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
35-40%	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasilyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 6 of 8

Revision: 0

Revision date: 03.03.2017

Quantity	Component	Ident. Numb	Ecotox Infos.
0,1-0,5%	Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts	EC:270-608-0	Toxicity to fish : LC ₅₀ (Cyprinodon variegatus), 96 h: 4,5 mg/l. Test Method: static test/Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 203. Toxic to aquatic life. Toxicity to daphnia and other aquatic invertebrates : EL ₅₀ (Daphnia magna (Water flea)), 48 h: 23 mg/l. Test Method: static test. Analytical monitoring: yes. Test substance: Read-across(Analogy). Method: OECD Test Guideline 202. Toxic to aquatic life. Toxicity to algae : EC ₅₀ , 72h: 21 mg/l. Analytical monitoring: yes. Test substance: Read-across (Analogy). Toxic to aquatic life.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.
12.3. Bio accumulative potential	No date is available on this product.
12.4. Mobility in soil	Product floats on water (insoluble)and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 7 of 8

Revision: 0

Revision date: 03.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None</p>
---	---

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	<p>H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.</p>
---	--

Legend to abbreviations and acronyms used in the safety data sheet:	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC₅₀: Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD₅₀: Lethal Dose to 50 % of a test population. LC₅₀: Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.</p>
--	--

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 3040

Page: 8 of 8

Revision: 0

Revision date: 03.03.2017

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Skin Sens. 1- May cause an allergic skin reaction.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET


according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 1 of 7

Revision: 1

Revision date: 02.02.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean TPL 4040
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Skin Sens. 1- May cause an allergic skin reaction.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	Pictograms and Signal Words:  Warning H317 May cause an allergic skin reaction. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. Contains: C14-16-18 alkyl phenol. May produce an allergic reaction
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	No Significant Hazard

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 2 of 7

Revision: 1

Revision date: 02.02.2017

Further information

This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable: this product is regulated as a mixture.

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	35-40	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	45-50	Product is not classified
C14-16-18 alkyl phenol	-	-	-	01-2119498288-19	1,0-5,0	Skin Sens. 1B H317 Aquatic Chronic 4 H413

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Immediately take off all contaminated clothing. Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath). Remove contaminated clothing immediately and dispose off safely.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 3 of 7

Revision: 1

Revision date: 02.02.2017

5.2. Special hazards arising from the substance or mixture	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.
5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 4 of 7

Revision: 1

Revision date: 02.02.2017

Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50-15,00 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 5 of 7

Revision: 1

Revision date: 02.02.2017

10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.		
11. TOXICOLOGICAL INFORMATION			
11.1. Information on toxicological effects			
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.		
Toxicological information on main components of the mixture:			
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³		
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.		
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.		
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.		
Respiratory or skin sensitization	Skin: Contains: C14-16-18 alkyl phenol. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.		
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).		
12. ECOLOGICAL INFORMATION			
12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.		
List of components with eco-toxicological properties			
Quantity	Component	Ident. Numb	Ecotox Infos.
35-40 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna,48hr>10000 mg/L48h NOELR a) Aquatic acute toxicity Algae Algae> 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21days=10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
45-50 %	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a})Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae >100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna,21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable.		
12.3. Bio accumulative potential	No data is available on this product.		

Details that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyilivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 6 of 7

Revision: 1

Revision date: 02.02.2017

12.4. Mobility in soil	Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.
13. DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMATION	
Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Dir. 2006/8/EC Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. N.A. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: None
Chemical safety assessment	No data available on this product.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean TPL 4040

Page: 7 of 7

Revision: 1

Revision date: 02.02.2017

16. OTHER INFORMATION

Text of Hazard statements in Section 3

H317 May cause an allergic skin reaction.
H413 May cause long lasting harmful effects to aquatic life.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DMSO: Dimethyl sulfoxide.
EC₅₀: Half Maximal Effective Concentration.
EINECS: European Inventory of Existing Commercial Chemical Substances.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Skin Sens. 1- May cause an allergic skin reaction.	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision 1

This document differs from the previous version in the following areas:
3. Composition/information on ingredients.
11. Toxicological information
16. Other information

Details that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 1 of 8

Revision: 0

Revision date: 10.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean CSO 7
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	H412 Harmful to aquatic life with long lasting effects. P273 Avoid release to the environment. P501 Dispose of contents/container to applicable regulations. Contains: Benzene, polypropene derivatives, sulfonated, calcium salts. May produce an allergic reaction.
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 2 of 8

Revision: 0

Revision date: 10.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	65-70	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	30-35	Product is not classified
Phenol, dodecyl-, branched	-	-	310-154-3	01-2119513207-49	0.1-1.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzene, polypropene derivatives, sulfonated, calcium salts	-	-	polymer	01-2120040541-70	0.1-1.0	Eye Irrit. 2, H319 Skin Sens. 1B; H317

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Seek medical attention if irritation or symptoms persist

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 3 of 8

Revision: 0

Revision date: 10.03.2017

5.3. Advice for firefighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13
7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 4 of 8

Revision: 0

Revision date: 10.03.2017

Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 12 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	374 °C
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	11,00-12,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects	
---	--

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 5 of 8

Revision: 0

Revision date: 10.03.2017

Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Contains: Benzene, polypropene derivatives, sulfonated, calcium salts. May produce an allergic reaction. Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
65-70 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL _{50 a}) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
20-30 %	Base oil - unspecified - Residual oils (petroleum), solvent- dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL _{50 a}) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0.1-1.0 %	Phenol, dodecyl-, branched	EC: 310-154-3	Fish: LC ₅₀ (Fathead Minnow, 4 d): 40 mg/l Aquatic Invertebrates: EC ₅₀ (Water flea (Daphnia magna), 2 d): 0.037 mg/l EC ₅₀ (Shrimp (Mysidopsis Bahía), 4 d): > 0.58 mg/l EC ₅₀ (Water flea (Daphnia magna), 21 d): 0.0079 mg/l NOEC (Water flea (Daphnia magna), 21 d): 0.0037 mg/l Aquatic Plants: EC ₅₀ (Green algae (Scenedesmus quadricauda), 2 d): 0.36 mg/l

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 6 of 8

Revision: 0

Revision date: 10.03.2017

Quantity	Component	Ident. Numb	Ecotox Infos.
0.1-1.0 %	Benzene, polypropene derivatives, sulfonated, calcium salts	Polymer	Fish: LC ₅₀ (Rainbow Trout, 4 d): > 100 mg/l NOEC (Rainbow Trout, 4 d): 100 mg/l LC ₅₀ (Sheepshead Minnow, 4 d): > 10,000 mg/l Aquatic Invertebrates: EC ₅₀ (Water flea (Daphnia magna), 2 d): > 1,000 mg/l Aquatic Plants: EC ₅₀ (Green algae (selenastrum capricomutum), 3 d): > 1,000 mg/l

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable. Phenol, dodecyl-, branched _Stum 28d 25.0 %
12.3. Bio accumulative potential	No date is available on this product. Component: Phenol, dodecyl-, branched BCF - Bioconcentration factor 28d _ 2.90 Kow - Partition coefficient 0.1d _ 7.10
12.4. Mobility in soil	Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 7 of 8

Revision: 0

Revision date: 10.03.2017

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. Class 1: slightly hazardous for water. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the substances contained: None
---	--

Chemical safety assessment	No data available on this product.
-----------------------------------	------------------------------------

16. OTHER INFORMATION

Text of Hazard statements in Section 3	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
---	---

Legend to abbreviations and acronyms used in the safety data sheet:	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC ₅₀ : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
--	---

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CSO 7

Page: 8 of 8

Revision: 0

Revision date: 10.03.2017

Legend to abbreviations and acronyms used in the safety data sheet:

LD₅₀: Lethal Dose to 50 % of a test population.
LC₅₀: Lethal Concentration to 50 % of a test population.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.
WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.	Calculation method.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Revision

New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 1 of 7

Revision: 0

Revision date: 10.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean CCL 40 LSF
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	H412 Harmful to aquatic life with long lasting effects. P273 Avoid release to the environment. P501 Dispose of contents/container to applicable regulations.
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 2 of 7

Revision: 0

Revision date: 10.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	25-30	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	60-65	Product is not classified
Phenol, dodecyl-, branched	-	-	310-154-3	01-2119513207-49	1.0-5.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 3 of 7

Revision: 0

Revision date: 10.03.2017

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 4 of 7

Revision: 0

Revision date: 10.03.2017

Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	394 °C
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	19,50-21,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable
10. STABILITY AND REACTIVITY	
10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.
11. TOXICOLOGICAL INFORMATION	
11.1. Information on toxicological effects	
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 5 of 7

Revision: 0

Revision date: 10.03.2017

Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
-----------------------	--

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
25-30 %	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
60-65 %	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
1.0-5.0 %	Phenol, dodecyl-, branched	EC: 310-154-3	LC ₅₀ (Fathead Minnow, 4 d): 40 mg/l EC ₅₀ (Water flea (Daphnia magna), 2 d): 0.037 mg/l EC ₅₀ (Shrimp (Mysidopsis Bahia), 4 d): > 0.58 mg/l EC ₅₀ (Water flea (Daphnia magna), 21 d): 0.0079 mg/l NOEC (Water flea (Daphnia magna), 21 d): 0.0037 mg/l EC ₅₀ (Green algae (Scenedesmus quadricauda), 2 d): 0.36 mg/l

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable. Phenol, dodecyl-, branched _Stum 28d 25.0 %
12.3. Bio accumulative potential	No data is available on this product. Component: Phenol, dodecyl-, branched

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 6 of 7

Revision: 0

Revision date: 10.03.2017

	BCF - Bioconcentration factor 28d _ 2.90 Kow - Partition coefficient 0.1d _ 7.10
12.4. Mobility in soil	Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.
13. DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMATION	
Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. Class 1: slightly hazardous for water. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the substances contained: None

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 40 LSF

Page: 7 of 7

Revision: 0

Revision date: 10.03.2017

Chemical safety assessment	No data available on this product.
16. OTHER INFORMATION	
Text of Hazard statements in Section 3	H315 Causes skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Legend to abbreviations and acronyms used in the safety data sheet:	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC ₅₀ : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD ₅₀ : Lethal Dose to 50 % of a test population. LC ₅₀ : Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 1 of 7

Revision: 0

Revision date: 10.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean CCL 70
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	H412 Harmful to aquatic life with long lasting effects. P273 Avoid release to the environment. P501 Dispose of contents/container to applicable regulations.
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 2 of 7

Revision: 0

Revision date: 10.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	25-30	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	50-55	Product is not classified
Phenol, dodecyl-, branched	-	-	310-154-3	01-2119513207-49	0.1-1.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 3 of 7

Revision: 0

Revision date: 10.03.2017

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 4 of 7

Revision: 0

Revision date: 10.03.2017

Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	382 °C
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	19,50-21,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable
10. STABILITY AND REACTIVITY	
10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.
11. TOXICOLOGICAL INFORMATION	
11.1. Information on toxicological effects	
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 5 of 7

Revision: 0

Revision date: 10.03.2017

Toxicological information on main components of the mixture:

Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
-----------------------	--

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
25-30%	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
50-55%	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0.1-1.0 %	Phenol, dodecyl-, branched	EC: 310-154-3	LC ₅₀ (Fathead Minnow, 4 d): 40 mg/l EC ₅₀ (Water flea (Daphnia magna), 2 d): 0.037 mg/l EC ₅₀ (Shrimp (Mysidopsis Bahia), 4 d): > 0.58 mg/l EC ₅₀ (Water flea (Daphnia magna), 21 d): 0.0079 mg/l NOEC (Water flea (Daphnia magna), 21 d): 0.0037 mg/l EC ₅₀ (Green algae (Scenedesmus quadricauda), 2 d): 0.36 mg/l

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable. Phenol, dodecyl-, branched _Stum 28d 25.0 %
12.3. Bio accumulative potential	No data is available on this product. Component: Phenol, dodecyl-, branched

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 6 of 7

Revision: 0

Revision date: 10.03.2017

	BCF - Bioconcentration factor 28d _ 2.90 Kow - Partition coefficient 0.1d _ 7.10
12.4. Mobility in soil	Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.
13. DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMATION	
Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. Class 1: slightly hazardous for water. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the substances contained: None

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 70

Page: 7 of 7

Revision: 0

Revision date: 10.03.2017

Chemical safety assessment	No data available on this product.
16. OTHER INFORMATION	
Text of Hazard statements in Section 3	H315 Causes skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Legend to abbreviations and acronyms used in the safety data sheet:	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC ₅₀ : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD ₅₀ : Lethal Dose to 50 % of a test population. LC ₅₀ : Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 1 of 7

Revision: 0

Revision date: 10.03.2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	Gazpromneft Ocean CCL 100 HSF
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Marine Diesel Engine Oil
1.3. Details of the supplier of the safety data sheet	"Gazpromneft – lubricants", Ltd, 14/3 Krzhizhanovskogo str. 117218, Moscow- Russia. Lubricants@gazprom-neft.ru Tel. +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax +7 495 921-48-63
Only Representative	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
1.4. Emergency telephone number	1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497
2. HAZARDS IDENTIFICATION	
2.1. Classification of the substance or mixture	
Regulation (EC) No 1272/2008 (CLP):	Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.
2.2. Label elements:	
Regulation (EC) No 1272/2008 (CLP):	H412 Harmful to aquatic life with long lasting effects. P273 Avoid release to the environment. P501 Dispose of contents/container to applicable regulations.
Adverse physicochemical, human health and environmental effects:	No other hazards
Ingredient(s) with unknown acute toxicity:	None
2.3 Other hazards	
	No Significant Hazard
Further information	
	This substance/mixture does not meet the PBT/vPvB criteria of REACH, annex XIII.
3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1 Substances	
	Not applicable: this product is regulated as a mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 2 of 7

Revision: 0

Revision date: 10.03.2017

3.2 Mixtures (EC) No 1272/2008

Chemical Name	Index. No	CAS No	EC No	Reach Registration Number	Conc. %w/w	Classification
Base oil - unspecified - lubricating oils	649-484-00-0	74869-22-0	278-012-2	01-2119495601-36-0023	25-30	Product is not classified
Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	649-471-00-X	64742-62-7	265-166-0	01-2119480472-38-0023	35-40	Product is not classified
Phenol, dodecyl-, branched	-	-	310-154-3	01-2119513207-49	0.1-1.0	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Description

All base oils contained in this product have a value of < 3% w DMSO extract according to IP 346/92.

Further information

Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation:	Remove casualty to fresh air and keep warm and at rest.
In case of eye contact:	Wash immediately with water.
In case of skin contact:	Wash with plenty of water and soap.
In case of ingestion:	Do not induce vomiting, get medical attention showing the SDS and label hazardous.

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO₂); dry chemical; foam; sand; water spray). Extinguishing media which must not be used for safety reasons: none in particular.

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 3 of 7

Revision: 0

Revision date: 10.03.2017

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Wear personal protection equipment. See protective measures under point 7 and 8.
6.2. Environmental precautions	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.
6.3. Methods and material for containment and cleaning up	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
6.4. Reference to other sections	See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapors and mists. Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
7.3. Specific end use(s)	No further relevant information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters	
Base oil - unspecified - lubricating oils	WEL 8-hr limit mg/m ³ : 5.4 (aerosol)
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.
8.2.2. Individual protection measures:	Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye protection	Safety Glasses.
Skin protection-Hand protection	Protection for skin: Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse. Protection for hands: Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 4 of 7

Revision: 0

Revision date: 10.03.2017

Hygienic and Technical measures	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Homogenous, viscous liquid
Odour	Characteristic
pH	Not applicable
Pour point	< - 9 °C
Initial boiling point and boiling range	Not applicable
Flash point	>220 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	Not data available
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	Not determined
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	379 °C
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	19,50-21,50 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds	Not applicable
Other information	
Miscibility	Not applicable
Conductivity	Not applicable
10. STABILITY AND REACTIVITY	
10.1. Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Passivity of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.
11. TOXICOLOGICAL INFORMATION	
11.1. Information on toxicological effects	
Acute Toxicity	There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 5 of 7

Revision: 0

Revision date: 10.03.2017

Toxicological information on main components of the mixture:	
Acute Toxicity of base oils	Acute oral/rat LD ₅₀ > 5000 mg/kg Acute dermal/rabbit LD ₅₀ > 2000 mg/kg Acute inhalation/rat LC ₅₀ > 5000 mg/m ³
Skin corrosion/irritation	Avoid direct contact. Repeated or prolonged skin contact may cause irritation. Contact with heated product may cause thermal burns. Based on data from components or similar materials.
Serious eye damage/irritation	Vapors may cause eye damage/irritation. Evaluation is based on data from components or similar materials.
Respiratory Irritation	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.
Respiratory or skin sensitization	Products have not been tested. Evaluation has been made through data of components. Respiratory: No data available to indicate product or components may be respiratory sensitizers.
Carcinogenicity	The product is not carcinogenic. Evaluation has been made through data of components. Base oils passed the test IP 346 (DMSO extractible compounds less than 3%) (Note H, L).

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment. Eco-Toxicological Information: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
-----------------------	--

List of components with eco-toxicological properties

Quantity	Component	Ident. Numb	Ecotox Infos.
25-30%	Base oil - unspecified - lubricating oils	CAS:74869-22-0 EC:278-012-2	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
35-40%	Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed	CAS:64742-62-7 EC:265-166-0	EL _{50a}) Aquatic acute toxicity Daphnia magna, 48hr > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL ₅₀ a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia magna, 21 days = 10 mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
0.1-1.0 %	Phenol, dodecyl-, branched	EC: 310-154-3	LC ₅₀ (Fathead Minnow, 4 d): 40 mg/l EC ₅₀ (Water flea (Daphnia magna), 2 d): 0.037 mg/l EC ₅₀ (Shrimp (Mysidopsis Bahia), 4 d): > 0.58 mg/l EC ₅₀ (Water flea (Daphnia magna), 21 d): 0.0079 mg/l NOEC (Water flea (Daphnia magna), 21 d): 0.0037 mg/l EC ₅₀ (Green algae (Scenedesmus quadricauda), 2 d): 0.36 mg/l

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: non-readily biodegradable Base oil - unspecified - Residual oils (petroleum), solvent-dewaxed: non-readily biodegradable. Phenol, dodecyl-, branched _Stum 28d 25.0 %
12.3. Bio accumulative potential	No data is available on this product. Component: Phenol, dodecyl-, branched

Details
that make it work



GAZPROMNEFT - LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 6 of 7

Revision: 0

Revision date: 10.03.2017

	BCF - Bioconcentration factor 28d _ 2.90 Kow - Partition coefficient 0.1d _ 7.10
12.4. Mobility in soil	Product floats on water (insoluble) and can entrap small organisms. The product could easily disperse in soil. Products have not been tested. Evaluation has been made through data of components.
12.5. Results of PBT and vPvB assessment	No PBT Ingredients are present.
12.6. Other adverse effects	No components with environmental hazard properties.
13. DISPOSAL CONSIDERATIONS	
13.1. Waste treatment methods	
Disposal methods	Recover if possible. In so doing, comply with the local and national regulations currently in force.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMATION	
Not classified as dangerous in the meaning of transport regulations.	
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	Not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Marine pollutant: No/Environmental Pollutant: No
14.6. Special precautions for user	Not applicable.
ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
15. REGULATORY INFORMATION	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) 2015/830 Provisions related to directive EU 2012/18 (Seveso III): German Water Hazard Class. Class 1: slightly hazardous for water. Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the substances contained: None

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasylyvsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Gazpromneft Ocean CCL 100 HSF

Page: 7 of 7

Revision: 0

Revision date: 10.03.2017

Chemical safety assessment	No data available on this product.
16. OTHER INFORMATION	
Text of Hazard statements in Section 3	H315 Causes skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
Legend to abbreviations and acronyms used in the safety data sheet:	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DMSO: Dimethyl sulfoxide. EC ₅₀ : Half Maximal Effective Concentration. EINECS: European Inventory of Existing Commercial Chemical Substances. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). LD ₅₀ : Lethal Dose to 50 % of a test population. LC ₅₀ : Lethal Concentration to 50 % of a test population. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.

Classification and procedure used to derived the classification for mixture according to Regulation EC 1272/2006 (CLP)

Classification according to Regulation EC 1272/2006 (CLP)	Classification procedure
Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.	Calculation method.

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	New version

Details
that make it work



GAZPROMNEFT- LUBRICANTS Ltd
SANKT-PETERSBURG BRANCH
3 line Vasyivsky Ostrov, 62 lit "A" office 212
199178 Sankt-Petersburg, Russia
Phone: +7 (812) 449-74-45
Fax: +7 (812) 449-74-46
marine.gazprom-neft.com

