



SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

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Масло Gazpromneft Compressor Oil-46

Revision 0

Revision date 01.08.2015

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY	
1.1. Product Identifier	
Product name	Масло Gazpromneft Compressor Oil-46
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Compressor oil
1.3. Details of the supplier of the safety data sheet	“Gazpromneft – lubricants”, Ltd, 125A, Profsoyuznaya str., Moscow, 117647, 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	
Main hazards	No Significant Hazard
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.
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.

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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	99-100	Product is not classified
Reaction products of Benzeneamine, N-phenyl-with nonene (branched)	-	-	253-249-4	01-2119488911-28	0.1-0.5	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
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Further information

	Full text for all Hazard statements, mentioned in this section, are displayed in Section 16.
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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
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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	Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

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6. ACCIDENTAL RELEASE MEASURES	
6.1. Personal precautions, protective equipment and emergency procedures	Wear personal protection equipment. Remove persons to safety. 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	Suitable material for taking up: absorbing material, organic, sand Wash 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 vapours and mists. Do not eat or drink while working. See also section 8 for recommended protective equipment.
7.2. Conditions for safe storage, including any incompatibilities	Incompatible materials: none in particular. Instructions as regards storage premises: adequately ventilated premises.
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/face protection	Not needed for normal use. Anyway, operate according good working practices. In case of splashing, wear: approved safety goggles.
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.

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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	Petroleum odor
pH	Not applicable
Pour point	< - 15 °C
Initial boiling point and boiling range	Not applicable
Flash point	> 195 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	188 °C / 233 °C
Vapour density	Not applicable
Vapour pressure	<0.01 kPa
Relative density	<900,0 kg/m ³ (20 °C)
Solubility in water	Insoluble
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	> 340 °C
Decomposition temperature	Not applicable
Viscosity (at 40 °C)	41,40 – 50,60 mm ² /s (ASTM D 445)
Explosive properties	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds - VOCs	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	
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
Acute Toxicity of the mixture	Based on available data, the classification criteria are not met.

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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 or skin sensitization	Skin: 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	This product contains mineral oils which are severely refined and not considered to be carcinogenic under IARC. All components in this product have been passed the test IP346 (DMSO extractible compounds less than 3%).
Germ cell mutagenicity	Not Applicable.
Reproductive toxicity	Not Applicable
STOT-single exposure	Not Applicable
STOT-repeated exposure	Not Applicable
Aspiration hazard	Not considered an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment.
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List of components with eco-toxicological properties

Quantity	Component	Ident. Numb.	Ecotox Infos
99-100%	Base oil - unspecified - lubricating oils	CAS: 74869-22-0 EINECS: 278-012-2	EL50 a) Aquatic acute toxicity Daphnia Magna > 10000 mg/L 48h NOELR a) Aquatic acute toxicity Algae > 100 mg/L 72h LL50 a) Aquatic acute toxicity Fish > 100 mg/L 96h NOELR b) Aquatic chronic toxicity Daphnia Magna = 10 mg/L 21 days NOELR b) Aquatic chronic toxicity Fish = 10 mg/L

Conclusion/Summary: Based on available data, the classification criteria are not met.

12.2. Persistence and degradability	Base oil - unspecified - lubricating oils: 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.
12.6. Other adverse effects	No components with environmental hazard properties.

13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Disposal methods	Dispose of in compliance with all local and national regulations. Contact a licensed waste disposal company.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

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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. 453/2010 (Annex I) Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Dispositions about directives 82/501/CE, 96/82/CE (Seveso bis), 2003/15/CE (Seveso ter): 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	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.

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

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
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.

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New version