



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

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Масло МГЕ-46В (Maslo MGE-46V)

Revision 3
Revision date 22.06.11

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name	Масло МГЕ-46В (Maslo MGE-46V)
Description	Oil for hydraulic systems (hydrostatic drive)
Company	“Gazpromneft – lubricants”, Ltd, 125A, Profsoyuznaya str., Moscow, 117647, Russia. Lubricants@gazprom-neft.ru
Telephone	+7 495 642-99-69 (between 9 AM and 6 PM Moscow time)
Fax	+7 495 642-99-69
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
Only Representative	KPMG Advisory N.V. Handelsregisternummer 33263682 Laan van Langerhuize 1 1186 DS AMSTELVEEN THE NETHERLANDS Tel: +31 20 656 45 21 Mob: +31 6 50 74 93 56 Fax: +31 20 656 45 10 Chris Bonnet Consultant, KPMG Sustainability Member of KPMG Global Sustainability ServicesTM bonnet.christophers@kpmg.nl

2. HAZARDS IDENTIFICATION

Main hazards	This product is not classified as dangerous according to current European legislation (EEC/1999/45 and EEC/67/548). No Significant Hazard.
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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients

Chemical Name	Index No.	CAS	EINECS	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	95-100	DMSO < 3% (IP 346)
Zinc alkyldithiophosphate		68649-42-3	272-028-3	05-2119378131-45-0000	0,5-0,8	Xi; R37 N;R52/53

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4. FIRST AID MEASURES	
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothes. Seek medical advice if irritation or symptoms persist. Repeated or prolonged exposure may cause dermatitis.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical advice if irritation or symptoms persist.
Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air. If symptoms persist seek medical assistance.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Rinse mouth with water. Seek medical assistance immediately.
5. FIRE-FIGHTING MEASURES	
Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO ₂); dry chemical; foam; sand; water spray). Do not use: water jet.
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.
6. ACCIDENTAL RELEASE MEASURES	
Personal precautions	Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labeled containers for disposal. Clean spillage area thoroughly with plenty of water.
7. HANDLING AND STORAGE	
Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Exposure limits	5 mg/m ³ /8h (aerosol) 2,6-di-tret-butyl-p-cresol WEL 8-hr limit mg/m ³ : 10
Engineering measures	Ensure adequate ventilation of the working area.
Hand protection	Chemical resistant gloves (PVC).
Eye protection	In case of splashing, wear: approved safety goggles.
Protective equipment	Wear protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Description	Homogenous, viscous liquid with a slight characteristic mineral oil odor.
Flash point	> 190 °C
Viscosity	41,4-50,6 (mm ² /s at 40 °C)
Solubility	Insoluble in water
10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
Conditions to avoid	Avoid sparks, flames, heat and sources of ignition.
11. TOXICOLOGICAL INFORMATION	
Acute Toxicity	No data available on this product.
Skin corrosion/irritation	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.
Serious eye damage /irritation	No irritation expected.
Respiratory or skin sensitisation	The product has not been tested. Evaluation has been made through data of components.
Carcinogenicity	The product has not expected to be carcinogenic. It has not been tested; evaluation has been made through data of components.
Toxicological Information	2,6-di-tret-butyl-p-cresol Dermal Rat LD50=890-5800 Oral Mouse LD50=650-2000
12. ECOLOGICAL INFORMATION	
Ecotoxicity	2,6-di-tret-butyl-p-cresol Daphnia EC50/48h=0.31 mg/l Algae LC50/72h=0.42 mg/l
Persistence and degradability	Not readily biodegradable.
Mobility in soil	Do not let product contaminate subsoil.
Further information	Do not allow product to enter drains. The product has not been tested. Evaluation has been made through data of components.
13. DISPOSAL CONSIDERATIONS	
General information	Dispose of in compliance with all local and national regulations. Contact a licensed waste disposal company.
Disposal methods	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
14. TRANSPORT INFORMATION	
Further information	The product is not classified as dangerous for carriage.
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	
Labelling	Under the criteria of the directive EEC/67/548 (dangerous substances) and EEC/1999/45 (dangerous preparations): not classified.
Risk phrases	No Significant Hazard.

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16. OTHER INFORMATION	
Text of risk phrases in Section 3	R37 - Irritating to respiratory system. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
General information	Base oils passed the test IP 346 (DMSO extractible compounds less than 3%).
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	This document differs from the previous version in the following areas: 1 – Product name, emergency telephone number 11 - Toxicological Information 12 - Ecological Information