

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

Масло Gazpromneft GL-5 80W-90

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1. Product Identifier

Product name	Масло Gazpromneft GL-5 80W-90
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Universal multigrade transmission oil, formulated with refined base oils and selected performance additives.
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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
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Only Representative

	REACHLaw Ltd. Vänrikinkuja 3 JK 21 Espoo FI-02600 Finland Tel. +358(0) 9 412 3055 Email: sds@reachlaw.fi
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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
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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.
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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.
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Regulation (EC) No 1272/2008 (CLP):	Contains: Polysulfides, di-tert-Bu. Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl. May produce an allergic reaction.
Ingredient(s) with unknown acute toxicity:	None

2.3 Other hazards

	No PBT/vPvP ingredients are present. No other hazards.
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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	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	45-50	Product is not classified
Polysulfides, di-tert-Bu	-	-	273-103-3	01-2119540515-43	1-5	Skin Sens. 1B, H317 Aquatic Chronic 3 H412
Reaction product of 4-methyl-2-pentanol and diphosphorus pentasulfide propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, c-12-14 tert-alkyl	-	-	931-384-6	01-2119493620-38	0.1-1	Eye Dam. 1 H318 Acute Tox. 4 H302 Skin Sens. 1 H317 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.
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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

Inhalation	Remove casualty to fresh air and keep warm and at rest.
Eye contact	Wash immediately with water.

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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.
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	
	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 (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	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
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.
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 gas escape or 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

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7. HANDLING AND STORAGE	
7.1. Precautions for safe handling	Avoid contact with skin and eyes, inhalation of vapours 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 data is available on this product.
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	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: Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
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 petroleum odour
pH	Not applicable
Pour point	< - 30 °C
Initial boiling point and boiling range	Not applicable
Flash point	> 180 °C (Cleveland Open Cup, ASTM D 92)
Evaporation rate	Not applicable
Upper/lower flammability	165 °C / 208 °C

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Vapour density	Not applicable
Vapour pressure	No data available
Relative density	No data available
Solubility	Soluble in hydrocarbons; Insoluble in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	>332 °C
Decomposition temperature	Not applicable
Viscosity (at 100 °C)	13,50-15,50 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 of the mixture	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.
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 or skin sensitization	Skin: May cause sensitization by skin contact. Contents: Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentoxide, and salted by amines, C12-14- tert-alkyl. May produce an allergic reaction. Respiratory: No data available to indicate product or components may be respiratory sensitizers.

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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 Applicable

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
45-50 %	Base oil - unspecified - lubricating oils	CAS: 68037-01-4 EC: 500-183-1	EL ₅₀ a) Aquatic acute toxicity Daphnia magna, 48hr> 10000 mg/L 48h 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, 21 days= 10mg/L NOELR b) Aquatic chronic toxicity Fish = 10 mg/L
40-55%	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 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.
12.6. Other adverse effects	No data is available on this product.

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.
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	ADR-Shipping Name: not applicable. IATA-Technical name: not applicable. IMDG-Technical name: not applicable.

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14.3. Transport hazard class(es)	ADR-Class: not applicable. IATA-Class: not applicable. IMDG-Class: not applicable.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Toxic ingredients quantity: 0.00 Very toxic ingredients quantity: 0.00 Marine pollutant: No Environmental Pollutant: No
14.6. Special precautions for user	Road and Rail (ADR-RID): Not applicable. Air (IATA): Not applicable. Sea (IMDG): 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.
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
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	H302 Harmful if swallowed. H317 May cause an allergic skin reaction. 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.

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Legend to abbreviations and acronyms used in the safety data sheet:	<p>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. STOT: Specific Target Organ Toxicity. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit.</p>
Further information	<p>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.</p>

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.

Revision 1	<p>This document differs from the previous version in the following areas:</p> <ol style="list-style-type: none"> 2. Hazards identification 3. Composition/information on ingredients 4. First aid measures 6. Accidental release measures 7. Handling and storage 8. Exposure controls/personal protection 9 Physical and chemical properties 11. Toxicological information 12. Ecological information 16. Other information
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