

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

Page 1/8

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0

Revision date 01.12.2015

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

1.1. Product Identifier

| | |
|---------------------|------------------------------------|
| Product name | Масло Gazpromneft GL-4/GL-5 75W-90 |
|---------------------|------------------------------------|

1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|--------------------|----------|
| Description | Gear oil |
|--------------------|----------|

1.3. Details of the supplier of the safety data sheet

| | |
|--|---|
| | <p>“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</p> |
|--|---|

1.4. Emergency telephone number


| | |
|--|--|
| | <p>1-760-476-3962 (America) 1-760-476-3961 (Europe, Middle East&Africa) 1-760-476-3960 (Asia Pacific): Global Response Access Code: 333497</p> |
|--|--|

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

| | |
|--|--|
| Regulation (EC) No 1272/2008 (CLP): | <p>Skin Sens. 1- May cause an allergic skin reaction. Eye Irrit.2 - Causes serious eye irritation.</p> |
|--|--|

2.2. Label elements:

| | |
|--|--|
| Regulation (EC) No 1272/2008 (CLP): | <p>Pictograms and Signal Words:</p>  <p>Warning</p> <p>H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. P280 Wear protective gloves/protective clothing/eye protection/face protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 eye irritation persists: Get medical advice/attention. P501.A Dispose of contents/container in accordance with applicable regulations. P264 Wash hands thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. 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.</p> |
|--|--|

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0
Revision date 01.12.2015

| | |
|---|------|
| Ingredient(s) with unknown acute toxicity: | None |
|---|------|

2.3 Other hazards

| | |
|--|--|
| | No PBT/vPvP ingredients are present. No other hazards. |
|--|--|

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 |
|--|--------------|------------|-----------|---------------------------|------------|--|
| Distillates (petroleum), hydrotreated heavy paraffinic | 649-467-00-8 | 64742-54-7 | 265-157-1 | 01-2119484627-25-0065 | 50-55 | Asp. Tox. 1 H304 |
| Polysulfides, di-tert-Bu | - | - | 273-103-3 | 01-2119540515-43 | 1-5 | Skin Sens. 1B, H317 Aquatic Chronic3 H412 |
| Reaction product of 4-methyl-2-pentanol and diphosphorus pentasulfide propoxylated, esterified with diphosphorus pentoxide, and salted by amines, c-12-14 tert-alkyl | - | - | 931-384-6 | 01-2119493620-38 | 1-5 | Eye Dam. 1 H318 Acute Tox. 4 H302 Skin Sens. 1 H317 Aquatic Chronic2 H411 |
| O,O,O-triphenyl phosphorothioate | - | - | 209-909-9 | - | 0.1-1.0 | Repr. 2, H361 Aquatic Chronic4 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

| | |
|---------------------|---|
| Inhalation | Remove casualty to fresh air and keep warm and at rest. |
| Eye contact | After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye. |
| 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 | Eye irritation. Eye damages |
| Skin contact | No further relevant information available. |
| Ingestion | No further relevant information available. |

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0

Revision date 01.12.2015

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 |

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**

| | |
|---|--|
| Distillates (petroleum), hydrotreated heavy paraffinic | WEL 8-hr limit mg/m ³ : 5.4 (aerosol) |
|---|--|

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0

Revision date 01.12.2015

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 | Use close fitting safety goggles, don't use eye lens. |
| 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 | < - 42 °C |
| Initial boiling point and boiling range | Not applicable |
| Flash point | > 160 °C (Cleveland Open Cup, ASTM D 92) |
| Evaporation rate | Not applicable |
| Upper/lower flammability | Not determined |
| 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 | >356 °C |
| Decomposition temperature | Not applicable |
| Viscosity (at 100 °C) | 15,50-17,50 mm ² /s (ASTM D 445) |
| Explosive properties | Not applicable |
| Oxidizing properties | Not determined |
| Volatile Organic compounds - VOCs | Not applicable |

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0
Revision date 01.12.2015

| | |
|--|--|
| 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. |
| Toxicological information on main components of the mixture | |
| Distillates (petroleum), hydrotreated light naphthenic | Acute inhalation mist/rat LC ₅₀ : 5.53 mg/l (4 hours) Acute dermal/rabbit LD ₅₀ >2000 mg/kg Acute oral/rat LD ₅₀ >5000 mg/kg |
| 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 | Eye Irrit.2 - Causes serious eye irritation. |
| 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 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 Applicable |
| 12. ECOLOGICAL INFORMATION | |
| 12.1. Toxicity | Adopt good working practices, so that the product is not released into the environment. |

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0
Revision date 01.12.2015

List of components with eco-toxicological properties

| Quantity | Component | Ident. Numb. | Ecotox Infos |
|----------|---|--------------------------------------|---|
| 50-55 % | Distillates (petroleum), hydrotreated heavy paraffinic | CAS: 64742-54-7 EINECS: 265-157-1 | EL ₅₀ >10000 (24h) mg/L (daphnia magna) LL ₅₀ >100 mg/L (algae) LL ₅₀ >100 mg/L (fishes) LL ₅₀ >10000 (24h) mg/L (gammarus pulex) LL ₅₀ >100 (96h) mg/L (pimephales promelas) |
| 1-5 % | Polysulfides, di-tert-Bu | EINECS:273-103-3 | EC ₅₀ (Water flea (Daphnia magna), 2 d): 63 mg/l EC ₅₀ (Alga, 3 d): > 100 mg/l |
| 1-5% | Reaction products of 4-methyl-2-pentanol and diphosphorus pentasulfide, propoxylated, esterified with diphosphorus pentaoxide, and salted by amines, C12-14- tert-alkyl | EINECS:931-384-6 | LC ₅₀ (Rainbow Trout, 4 Days): 24 mg/l LC ₅₀ (Fathead Minnow, 4 Days): 8.5 mg/l EC ₅₀ (Water flea (Daphnia magna), 21 d): 0.66 mg/l EC ₅₀ (Green algae (selenastrum capricomutum), 4 Days): 6.4 mg/l |

| | |
|--|--|
| 12.2. Persistence and degradability | No date is available on this product. |
| 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 date 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. |
| 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. |

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0

Revision date 01.12.2015

| | |
|---|---|
| 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 | <p>Dir. 98/24/EC (Risks related to chemical agents at work)</p> <p>Dir. 2000/39/EC (Occupational exposure limit values)</p> <p>Dir. 2006/8/EC</p> <p>Regulation (EC) n. 1907/2006 (REACH)</p> <p>Regulation (EC) n. 1272/2008 (CLP)</p> <p>Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013</p> <p>Regulation (EU) n. 453/2010 (Annex I)</p> <p>Regulation (EU) n. 286/2011 (ATP 2 CLP)</p> <p>Regulation (EU) n. 618/2012 (ATP 3 CLP)</p> <p>Dispositions about directives 82/501/CE, 96/82/CE (Seveso bis), 2003/15/CE (Seveso ter):</p> <p>German Water Hazard Class. - N.A.</p> <p>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:</p> <p>None</p> |
| Chemical safety assessment | No data available on this product. |
| 16. OTHER INFORMATION | |
| Text of Hazard statements in Section 3 | <p>H302 Harmful if swallowed.</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>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>.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> <p>H413 May cause long lasting harmful effects to aquatic life.</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.</p> <p>AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.</p> <p>CAS: Chemical Abstracts Service (division of the American Chemical Society).</p> <p>CLP: Classification, Labeling, Packaging.</p> <p>DMSO: Dimethyl sulfoxide.</p> <p>EC₅₀: Half Maximal Effective Concentration.</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances.</p> <p>IATA: International Air Transport Association.</p> |

Масло Gazpromneft GL-4/GL-5 75W-90

Revision 0

Revision date 01.12.2015

| | |
|--|--|
| Legend to abbreviations and acronyms used in the safety data sheet: | 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. STOT: Specific Target Organ Toxicity. vPvB: Very Persistent and Very Bioaccumulative. WEL: Workplace Exposure Limit. |
| 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. |

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. Eye Irrit.2 - Causes serious eye irritation. | Calculation method. |

| | |
|-----------------|-------------|
| Revision | New version |
|-----------------|-------------|