

SAFETY DATA SHEET**Gazpromneft Grease L 00**

Revision

3

Revision date

31.03.2020

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product Identifier**

Trade name	GAZPROMNEFT GREASE L 00
Trade code	GNG1001

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

Recommended use	Grease
Uses advised against	N.A.

1.3. Details of the supplier of the safety data sheet

Manufacturer	"Gazpromneft - lubricants" LTD, 125A, Profsoyuznaya str., Moscow, 117647, Russia. Email: Lubricants@gazprom-neft.ru Tel.: +7 495 642-99-69 (between 9 AM and 6 PM Moscow time) Fax: +7 495 921-48-63
Supplier	"Deny Trade" LTD, Office: Stara Zagora 6000, 92 Hristo Botev Str., 4th floor Warehouse: Zagora 6000, Kolyo Ganchev district, Agricultural aviation Tel./Fax: 042 606 899 service@maslagaz.com

1.4. Emergency telephone

National emergency telephone	112
National Toxicological Information Center, MHAT and Emergency Medicine "N. I. Pirogov"	Emergency telephone / fax: +359 2 9154 409 Email: poison_centre@mail.orbitel.bg http://www.pirogov.bg

2. HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 (CLP)	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Further information	For the full text of the hazard statements and EU hazard statements: see SECTION 16

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 (CLP)	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Special Provisions	Special provisions according to Annex XVII of REACH and subsequent amendments: Restricted to professional users.

2.3. Other hazards

Other hazards	No PBT Ingredients are present. No other hazards.
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3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Substances	Not applicable
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3.2. Mixtures

CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Substance name	Classification according to Regulation (EC) No 1278/2008 (CLP)
64742-62-7	265-166-0		01-2119480472-38	40-50	BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	DECLL(*) - Substance classified in accordance with Note L, Annex VI of EC Regulation (EC) 1272/2008. The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.
74869-22-0	278-012-2		01-2119495601-36	20-30	BASE OIL-UNSPECIFIED LUBRICATING OIL	DECLL(*)

4. FIRST AID MEASURES

4.1. Description of first aid measures	
4.2. Most important symptoms and effects, both acute and delayed	
4.3. Indication of any immediate medical attention and special treatment needed	

5. FIREFIGHTING MEASURES

5.1. Extinguishing media	
Suitable extinguishing media	Water. Carbon dioxide (CO2).
5.2. Special hazards arising from the substance or mixture	

Hazards from the substance or mixture	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
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5.3. Advice for firefighters

Special precautions for fire-fighters	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

Protective equipment for non-emergency personnel	Wear personal protection equipment. Remove persons to safety. See protective measures under point 7 and 8.
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6.2. Environmental precautions

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.
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6.3. Methods and material for containment and cleaning up

For containment	Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water.
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6.4. Reference to other sections

Reference to other sections	See also section 8 and 13.
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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures	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.
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7.2. Conditions for safe storage, including any incompatibilities

Further information on storage conditions	Adequately ventilated premises.
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7.3. Specific end use(s)

Recommendations	None in particular.
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Industrial sector specific solutions	None in particular.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

List of components with OEL value

Component	OEL Type	Long Term mg/m ³	Long Term ppm	Short Term mg/m ³	Short Term ppm	Behaviour	Note
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	ACGIH	5.400					8H (aerosol)
BASE OIL-UNSPECIFIED LUBRICATING OILS	ACGIH	5.400					8H (aerosol)

Predicted No Effect Concentration (PNEC) values

Derived No Effect Level (DNEL)

8.2. Exposure controls

Substance/mixture related measures to prevent exposure during identified uses	Ensure replacement ventilation or other ventilation systems to maintain concentrations of substances conveyed by air below their respective occupational exposure limits. All activities involving chemicals must be assessed for their health risks in order to ensure that the exposure is adequately monitored. Wear protective clothing. Personal protective equipment must conform to the appropriate standards, suitable for specific use and maintained in good condition.
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Eye and face protection	Safety Glasses.
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Hand protection	Use Nitrile or neoprene gloves. Long-sleeved garments are recommended. Wear protection against chemical agents when contact with the material is foreseen. Use neoprene or nitrile boots if necessary to avoid contaminating the shoes. Wash contaminated clothes before reuse. Not needed for normal use.
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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 to enter narrow spaces, in poorly ventilated areas and to clean areas where large quantities of product have been spilled.
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Organisational measures to prevent exposure	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.
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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Solid
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Colour	Viscous brown
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Odour	characteristic
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Melting point/freezing point	N.A.
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Boiling point or initial boiling point and boiling range	N.A.
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Flammability	N.A.
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Lower and upper explosion limit	N.A.
Flash point	N.A.
Auto-ignition temperature	N.A.
Decomposition temperature	N.A.
pH	N.A.
Kinematic viscosity	N.A.
Solubility	Insoluble
Partition coefficient n-octanol/water (log value)	N.A.
Vapour pressure	N.A.
Density and/or relative density	0.90 kg/l
Relative vapour density	N.A.
Dynamic viscosity	N.A.
Oxidizing properties	N.A.
Volatile Organic compounds - VOCs	N.A.
9.2. Other information	
Substance Groups relevant properties	N.A.
Evaporation rate	N.A.
Miscibility	N.A.
Conductivity	N.A.

10. STABILITY AND REACTIVITY

10.1. Reactivity	
Reactivity	Carefully review all information provided in sections 10.2 - 10.6.
10.2. Chemical stability	
Chemical stability	Material is normally stable at room temperature and pressure. See Section 7 for further details.
10.3. Possibility of hazardous reactions	
Possibility of hazardous reactions	Will not occur.
10.4. Conditions to avoid	
Conditions to avoid	Do not expose to excessive heat, ignition sources, or oxidizing materials. High temperatures. Contact with strong oxidizers. Contact with strong caustic agents.
10.5. Incompatible materials	
Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	
Hazardous decomposition products	Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and alkyl mercaptans and sulfides may also be released. Other potential decomposition products: sulfur acids.

11. TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

Acute toxicity	Products have not been tested. Evaluation has been made through data of components.
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 sensitisation	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.
Germ cell mutagenicity	N.A.
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 extractable compounds less than 3%).
Reproductive toxicity	N.A.
Summary of evaluation of the CMR properties	N.A.
STOT-single exposure	N.A.
STOT-repeated exposure	N.A.
Aspiration hazard	N.A.
Toxicological information of the mixture	N.A.
Toxicological information on main components of the mixture	N.A.

Toxicological information on main components of the mixture

Component	Toxicity	Information
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	a) acute toxicity	LD50 Oral Rat > 5000.00000 mg/kg LD50 Skin Rabbit > 2000.00000 mg/kg LC50 Inhalation Rat > 5000.00000 mg/m3
BASE OIL-UNSPECIFIED LUBRICATING OILS	a) acute toxicity	LD50 Oral Rat > 5000.00000 mg/kg LD50 Skin Rabbit > 2000.00000 mg/kg LC50 Inhalation Rat > 5000.00000 mg/m3

12. ECOLOGICAL INFORMATION

12.1. Toxicity						
Acute (short-term) toxicity			Adopt good working practices, so that the product is not released into the environment.			
List of components with eco-toxicological properties						
Component	Identification number	Ecotoxicological information				
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	CAS: 64742-62-7 EINECS: 265-166-0	a) Aquatic acute toxicity : EL50 Daphnia Daphnia magna, 48hr > 10000.00000 mg/L 48h a) Aquatic acute toxicity : NOELR Algae Algae > 100.00000 mg/L 72h a) Aquatic acute toxicity : LL50 Fish > 100.00000 mg/L 96h b) Aquatic chronic toxicity : NOELR Daphnia Daphnia magna, 21 days =10.00000 mg/L				
BASE OIL-UNSPECIFIED LUBRICATING OILS	CAS: 74869-22-0 EINECS: 278-012-2	a) Aquatic acute toxicity : EL50 Daphnia Magna > 10000.00000 mg/L 48h a) Aquatic acute toxicity : NOELR Algae > 100.00000 mg/L 72h a) Aquatic acute toxicity : LL50 Fish > 100.00000 mg/L 96h b) Aquatic chronic toxicity : NOELR Daphnia Magna = 10.00000 mg/L - 21 days b) Aquatic chronic toxicity : NOELR Fish = 10.00000 mg/L				
12.2. Persistence and degradability						
Component	Persistence/Degradability	Test	Duration	Value	Notes	
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	Non-readily biodegradable					
BASE OIL-UNSPECIFIED LUBRICATING OIL	Non-readily biodegradable					
12.3. Bioaccumulative potential						
Partition coefficient n-octanol /water (log Kow)			N.A.			
12.4. Mobility in soil						
Known or predicted distribution to environmental compartments			Data not available. 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						
Results of PBT and vPvB assessment			No PBT Ingredients are present.			
12.6. Endocrine disrupting properties						
12.7. Other adverse effects						
Other adverse effects			Data not available.			
12.8. Additional information						
13. DISPOSAL CONSIDERATIONS						
13.1. Waste treatment methods						
Product/Packaging disposal			Recover if possible. In so doing, comply with the local and national regulations currently in force.			
14. TRANSPORT INFORMATION						
14.1. UN number or ID number						
UN number or ID number			N.A.			
14.2. UN proper shipping name						
UN proper shipping name			N.A.			
14.3. Transport hazard class(es)						
Transport hazard class(es)			N.A.			
14.4. Packing group						
Packing group			N.A.			
14.5. Environmental hazards						
Environmental hazards			N.A.			
14.6. Special precautions for user						
Special precautions for user			N.A.			
14.7. Maritime transport in bulk according to IMO instruments						
Maritime transport in bulk according to IMO instruments			N.A.			
15. REGULATORY INFORMATION						
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture						
EU regulations			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) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP) Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2020/878 Provisions related to directive EU 2012/18 (Seveso III): N.A.			
Wassergefährdungsklasse (water hazard class)			Class 1: slightly hazardous for water.			

Other regulations, restrictions and prohibition regulations	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 Restrictions related to the substances contained: 28
15.2. Chemical Safety Assessment	
Chemical Safety Assessment	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.
16. OTHER INFORMATION	

Other information

Using the calculation method for the specific hazard classes provided for in Regulation (EC) No 1272/2008, the substance / mixture is not classified as hazardous.
This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
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Legend to abbreviations and acronyms used in the safety data sheet:
ACGIH: American Conference of Governmental Industrial Hygienists
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
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
BCF: Biological Concentration Factor
BEI: Biological Exposure Index
BOD: Biochemical Oxygen Demand
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.
CMR: Carcinogenic, Mutagenic and Reprotoxic
COD: Chemical Oxygen Demand
COV: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DMEL: Derived Minimal Effect Level
DNEL: Derived No Effect Level.
DPD: Dangerous Preparations Directive
DSD: Dangerous Substances Directive
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GefStoffVO: Ordinance on Hazardous Substances, Germany.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: Keep away from heat
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Lethal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration.
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.
Paragraphs modified from the previous revision:
- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION

