In accordance with Regulation (EU) No. 2020/878 amending Annex II to Regulation (EC) No. 1907/2006 (REACH)

SAFETY DATA SHEET

Gazpromneft Compressor Oil 100

Revision
4
Revision date
21.07.2023

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1. Product Identifier	
Trade name	GAZPROMNEFT COMPRESSOR OIL-100
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Recommended use	Compressor oils
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). Adverse physicochemical, human health and environmental effects: No other hazards
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	EUH210 Safety data sheet available on request. Contains: N-1-NAPHTHYLANILINE May produce an allergic reaction. Специални разпоредби съгласно Приложение XVII на REACH и последващи изменения: Restricted to professional users.
2.3. Other hazards	
Other hazards	No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%.

3. COMPOSITION/INFORMATION ON INGREDIENTS	
3.1. Substances	
Substances	Not applicable
3.2. Mixtures	

CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Substance name	Classification according to Regulation (EC) No 1278/2008 (CLP)
74869-22-0	278-012-2		01-2119495601-36	70-80	BASE OIL-UNSPECIFIED LUBRICATING OILS	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.
64742-62-7	265-166-0		01-2119480472-38	10-20	BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	DECLL(*)
125643-61-0	406-040-9	607-530-00-7	01-0000015551-76	0.1-0.25	REACTION MASS OF ISOMERS OF: C7-9-ALKYL 3-(3,5-DI-TRANS BUTYL-4-HYDROXYPHENYL)PROPIONATE	Aquatic Chronic 4, H413

4. FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation	Remove casualty to fresh air and keep warm and at rest.
Following skin contact	Wash with plenty of water and soap.
Following eye contact	Wash immediately with water.
Following 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 acute effects	N.A.
Ingestion acute effects	N.A.

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).
Unsuitable extinguishing media	None in particular.

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.

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.

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.

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.

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.

6.4. Reference to other sections

Reference to other sections	See also section 8 and 13.

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.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials:	None in particular.
Requirements for storage rooms and vessels	Adequately ventilated premises.

7.3. Specific end use(s)

Recommendations	None in particular.
Industrial sector specific solutions	None in particular.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

List of components with OEL value

Component	OEL Type	Long Term mg/m³	Long Term ppm	Short Term mg/m³	Short Term ppm	Behaviour	Note
BASE OIL-UNSPECIFIED LUBRICATING OIL	ACGIH	5.400					8H (aerosol)
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	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 ensurethat 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.
Eye and face protection	Safety Glasses.
Hand protection	Not needed for normal use.
Other skin protection	Use Nitrile or neoprene gloves. Long-sleeved garments are recommended. Wear protection against chemical agents when contactwith the material is foreseen. Use neoprene or nitrile boots if necessary to avoid contaminating the shoes. Wash contaminated clothes before reuse.
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.
Organisational measures to prevent exposure	Wash thoroughly after handling this product. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Colour	Viscous
Odour	N.A.
Pour point	<-15°C
Boiling point or initial boiling point and boiling range	N.A.
Flammability	N.A.
Lower and upper explosion limit	N.A.
Flash point	>=220 °C (428 °F) (ASTM D92 (Cleveland Open Cup))
Auto-ignition temperature	368.00 °C
Decomposition temperature	N.A.
pH	N.A.
Kinematic viscosity	при 100°C: N.A. при 40°C (mm2/s): 90-110 (ASTM D445)
Solubility	N.A.
Partition coefficient n-octanol/water (log value)	N.A.
Vapour pressure	N.A.
Density and/or relative density	883.10 kg/m3 (ASTM D4052 @ 20°C)
Relative vapour density	N.A.
Dynamic viscosity	N.A.
Oxidizing properties	N.A.
Volatile Organic compounds - VOCs	N.A.

9.2. Other information

Evaporation rate	N.A.
Miscibility	N.A.
Conductivity	N.A.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity	Stable under normal conditions.

10.2. Chemical stability	
Chemical stability	Data not Available.
10.3. Possibility of hazardous reactions	
Possibility of hazardous reactions	None.
10.4. Conditions to avoid	
Conditions to avoid	Stable under normal conditions.
10.5. Incompatible materials	
Incompatible materials	None in particular.
10.6. Hazardous decomposition products	
Hazardous decomposition products	None.

11. TOXICOLOGICAL INFORMATION

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

Products have not been tested. Evaluation has been made through data of components.

Acute toxicity	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.
Skin corrosion/irritation	N.A.
Serious eye damage/irritation	N.A.
Respiratory or skin sensitisation	N.A.
Germ cell mutagenicity	N.A.
Carcinogenicity	N.A.
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 LUBRICATING OIL	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- 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

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 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
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	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
REACTION MASS OF ISOMERS OF: C7-9-ALKYL 3-(3,5-DI-TRANS□BUTYL-4-HYDROXYPHENYL)PROPIONATE	CAS: 125643- 61-0 EINECS: 406-040-9 INDEX: 607-530-00-7	a) Aquatic acute toxicity : LC50 Fish Brachydanio rerio > 74.00000 mg/L 96h a) Aquatic acute toxicity : EC50 Daphnia > 100.00000 mg/L 0.1d a) Aquatic acute toxicity : LC50 Algae Scenedesmus subspicatus > 3.00000 mg/L 72h

12.2. Persistence and degradability

BASE OIL-UNSPECIFIED LUBRICATING OIL	Non-readily biodegradable.
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	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	N.A.
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	
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. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU)2015/830 Provisions related to directive EU 2012/18 (Seveso III): N.A.
Authorisations and/or restrictions on use	Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) andsubsequent modifications: Restrictions related to the product: 40 Restrictions related to the substances contained: 28
Wassergefährdungsklasse (water hazard class)	Class 1: slightly hazardous for water.
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	Code Description H413 May cause long lasting harmful effects to aquatic life. Code Hazard class and hazard category Description 4.1/C4 Aquatic Chronic 4 Chronic (long term) aquatic hazard, category 4 Using the calculation method for the specific hazard classes provided for in Regulation (EC) No 1272/2008, the substance / mixture is notclassified 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 andconstitutes 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. This MSDS cancels and replaces any preceding release. 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: Leathal 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.