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

SAFETY DATA SHEET

Gazpromneft Hydraulic HLP 32

Revision
5
Revision date
21.07.2022

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Trade name	GAZPROMNEFT HYDRAULIC HLP-32

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

Recommended use	Hydraulic oil
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	EUH210 Safety data sheet available on request. 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.

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	649-484-00-0	01-2119495601-36	60-70	BASE OIL-LUBRICATING OIL	Tox. 1, H304, 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	10-20	BASE OIL-UNSPECIFIED□LUBRICATING OILS	DECLL(*)
64742-54-7	265-157-1		01-2119484627-25-79	10-20	DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	Asp. Tox. 1, H304, DECLL(*)
	204-884-0		01-2119490822-33	0.1-1	2,6-DI-TERT-BUTYLPHENOL	Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
36878-20-3	253-249-4		01-2119488911-28	0.02-0.1	БИС(НОНИЛФЕНИЛ)АМИН	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.
4.3. Indication of any immediate medical attention and special treatment needed	
Notes to physician	N.A.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media	
Suitable extinguishing media	Water. Carbon dioxide (CO_2).
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.

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, inhaltion 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	
Further information on storage conditions	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 OILS	ACGIH	5.400					8H (aerosol)

Predicted No Effect Concentration (PNEC) values

Component	CAS No.	PNEC limit	Exposure Route	Exposure Frequency	Remark
BIS(NONYLPHENYL) AMINE		0.100 mg/l 0.010 mg/l 132000.000 mg/kg 13200.000 mg/kg 263000.000 mg/kg	Fresh Water Soil (agricultural) Air Fresh Water Marine water sediments		

Derived No Effect Level (DNEL)

Component	CAS No.	Worker Industry	Worker Professional	Consumers	Exposure Route	Exposure Frequency	Remark
BASE OIL LUBRICATING OIL	74869-22-0	5.400 mg/m3	5.400 mg/m3	1.200 mg/m3 0.310 mg/kg 1.090 mg/kg 0.310 mg/kg	 Човек Дермално Човек Вдишване Човек Дермално Human Inhalation Human Oral	 Дългосрочни, системни ефекти Дългосрочни, системни ефекти Дългосрочни системни ефекти Long Term, systemic effects Long Term, systemic effects	
BIS (НОНИЛФЕНИЛ) АМИН	36878-20-3		0.620 mg/kg 4.370 mg/kg				

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 theappropriate 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 contact with 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.
Technical 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	Oily yellow
Odour	characteristic
Melting point/freezing point	N.A.
Pour point	< - 30 °C
Boiling point or initial boiling point and boiling range	N.A.
Flammability	N.A.
Lower and upper explosion limit	N.A.
Flash point	>200 °C (392 °F) (ASTM D92 (Cleveland Open Cup))
Auto-ignition temperature	> 334.00 °C
Decomposition temperature	N.A.
pH	N.A.

Kinematic viscosity	при 100°C: N.A. при 40 °C (mm2/s): 28,80-35,20 (ASTM D445)
Solubility	Insoluble
Partition coefficient n-octanol/water (log value)	N.A.
Vapour pressure	N.A.
Density and/or relative density	876.00 kg/m3 (ASTM D4052 @ 15°C)
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.
Formation of explosible dust/air mixtures	N.A.
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	
Acute toxicity	This product contains mineral oils which are severely refined and not considered to be carcinogenic under IARC.
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-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 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
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	a) acute toxicity	LC50 Inhalation Rat = 5.53000 mg/l LD50 Skin Rabbit > 5000.00000 mg/kg LD50 Oral Rat > 5000.00000 mg/kg

12. ECOLOGICAL INFORMATION

12.1. Toxicity

List of components with eco-toxicological properties

Component	Identification number	Ecotoxicological information
BASE OIL-LUBRICATING OIL	CAS: 74869-22-0 EINECS: 278-012-2 INDEX:649-484-00-0	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-UNSPECIFIEDLUBRICATING 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
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC	CAS: 64742-54-7 EINECS: 265-157-1	a) Aquatic acute toxicity : EL50 Daphnia Daphnia magna > 10000.00000 mg/L 48h Based on data for a similar substance. a) Aquatic acute toxicity : LL50 Fish Pimephales promelas > 100.00000 mg/L 96h Based on data for a similar substance. b) Aquatic chronic toxicity : NOELR Algae Pseudokirchneriella subcapitata >= 100.00000 mg/L 48h Based on data for a similar substance. b) Aquatic chronic toxicity : NOELR Daphnia Daphnia magna = 10.00000 mg/L Based on data for a similar substance - 21 days. b) Aquatic chronic toxicity : NOELR Fish Oncorhynchus mykiss = 1000.00000 mg/L QSAR result - 14 days.
BIS(NONYLPHENYL)AMINE	CAS: 36878-20-3 EINECS: 253-249-4	a) Aquatic acute toxicity : LC50 Danio Rerio > 100.00000 mg/L 96h. a) Aquatic acute toxicity : EC50 Daphnia > 100.00000 mg/L 48h. a) Aquatic acute toxicity : EC50 Algae > 100.00000 mg/L 72h.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

Component	Test	Duration	Value	Notes
BIS(NONYLPHENYL)AMINE	Kow - Partition coefficient		7.600	

12.4. Mobility in soil

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. German Water Hazard Class. Class 1: slightly hazardous for water. 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: None Restrictions related to the substances contained: 28, 30

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 H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. Code Hazard class and hazard category Description 3.10/1 Asp. Tox. 1 Aspiration hazard, Category 1 3.2/2 Skin Irrit. 2 Skin irritation, Category 2 4.1/A1 Aquatic Acute 1 Acute aquatic hazard, category 1 4.1/C1 Aquatic Chronic 1 Chronic (long term) aquatic hazard, category 1 4.1/C4 Aquatic Chronic 4 Chronic (long term) aquatic hazard, category 4 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. Paragraphs modified from the previous revision: - 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING - 2. HAZARDS IDENTIFICATION - 3. COMPOSITION/INFORMATION ON INGREDIENTS - 8. EXPOSURE CONTROLS/PERSONAL PROTECTION - 9. PHYSICAL AND CHEMICAL PROPERTIES - 11. TOXICOLOGICAL INFORMATION - 12. ECOLOGICAL INFORMATION - 13. DISPOSAL CONSIDERATIONS - 15. REGULATORY INFORMATION - 16. OTHER INFORMATION