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

SAFETY DATA SHEET

Gazpromneft Standard 20W-50

Revision
1
Revision date
09.09.2020

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

1.1. Product Identifier

Trade name	GAZPROMNEFT STANDARD 20W-50
Trade code	N.A.
EC number	N/A

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

Recommended use	Recommended use: Gasoline or diesel engine oil for passenger cars
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.

2.3. Other hazards

Other hazards	Adverse physicochemical, human health and environmental effects: No 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		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
	283-392-8		01-2119493626-26	0.5-1	PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(1,3- DIMETHYLBUTYL AND ISO PR)ESTERS, ZINC SALTS	Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 2, H411
36878-20-3	253-249-4		01-2119488911-28	0.1-0.25	BIS(NONYLPHENYL)AMINE	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.
Skin contact acute effects	N.A.
Eye contact acute effects	N.A.
Inhalation delayed effects	N.A.
Ingestion delayed effects	N.A.
Skin contact delayed effects	N.A.
Eye contact delayed 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 . 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.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
For cleaning up	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

Technical measures and storage conditions	
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 OILS	ACGIH	5.400					8H (aerosol)
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	ACGIH	5.400					8H (aerosol)

Predicted No Effect Concentration (PNEC) values

Component	CAS No.	PNEC limit	Exposure Route	Exposure Frequency	Remark
БИС (НОНИЛФЕНИЛ) АМИН	36878-20-3	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
BIS(NONYLPHENYL) AMINE	36878-20-3	0.620 mg/kg 4.370 mg/kg		0.310 mg/kg 1.090 mg/kg 0.310 mg/kg	Human Dermal Human Inhalation Human Dermal Human Inhalation Human Oral	Long Term, systemic effects Long Term, systemic effects Long Term, systemic effects Long Term, systemic effects Long Term, systemic effects	

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 theirrespective 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 theappropriate standards, suitable for specific use and maintained in good condition.
Eye and face protection	Safety Glasses.
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.
Hand protection	Not needed for normal use.
Respiratory protection	Use in ventilated area. Use respirator with a combination organic vapor and high efficiency filter cartridge just if recommendedexposure limit is exceeded. Use self-contained breathing apparatus to enter narrow spaces, in poorly ventilated areas and to cleanareas 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
Odour	N.A.
Melting point/freezing point	<-25 °C
Pour point	
Boiling point or initial boiling point and boiling range	N.A.
Flammability	>=200 °C (392 °F) (ASTM D93 (Pensky-Martens Closed Cup))
Lower and upper explosion limit	N.A.
Auto-ignition temperature	382.00 °C
Decomposition temperature	N.A.
pH	N.A.

Kinematic viscosity	at 100°C: 17.50-19.50 mm2/s (ASTM D445) at 40°C (mm2/s): >20.50 (ASTM D445)
Solubility	N.A.
Partition coefficient n-octanol/water (log value)	N.A.
Vapour pressure	N.A.
Density and/or relative density	890,90 kg/m3 (ASTM D4052 при 15°C)
Relative vapour density	N.A.
Particle characteristics	Не е приложимо.
Dynamic viscosity	
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	N.A.
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	
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 OILS	acute toxicity	LD_{50} Oral Rat > 5000.00000 mg/kg LD_{50} Skin Rabbit > 2000.00000 mg/kg LC_{50} Inhalation Rat > 5000.00000 mg/m°3
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	acute toxicity	LD_{50} Oral Rat > 5000.00000 mg/kg LD_{50} Skin Rabbit > 2000.00000 mg/kg LC_{50} Inhalation Rat > 5000.00000 mg/m^3

12. ECOLOGICAL INFORMATION

12.1. Toxicity

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 : EL_{50} Daphnia Magna > 10000.00000 mg/L 48h a) Aquatic acute toxicity : NOELR Algae > 100.00000 mg/L 72h a) Aquatic acute toxicity : LL_{50} 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: 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 b) Aquatic chronic toxicity : NOELR Fish = 10.00000 mg/L
PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(1,3- DIMETHYLBUTYL AND ISO PR)ESTERS, ZINC SALTS	EINECS: 283-392-8	a) Aquatic acute toxicity : LC50 Fish = 4.50000 mg/L 96h a) Aquatic acute toxicity : EC50 Worm = 23.00000 mg/L 48h a) Aquatic acute toxicity : EC50 Algae = 21.00000 mg/L 72h
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

Component	Persitence/Degradability	Test	Duration	Value	Notes
BASE OIL-UNSPECIFIED LUBRICATING OILS	Non-readily biodegradable				
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	Non-readily biodegradable				
PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(1,3- DIMETHYLBUTYL AND ISO PR)ESTERS, ZINC SALTS		Stum	28d	1.500	%
BIS(NONYLPHENYL)AMINE	Non-readily biodegradable				1 % (28d)

12.3. Bioaccumulative potential

Component	Test	Duration	Value	Notes
PHOSPHORODITHIOIC ACID, MIXED O,O-BIS(1,3- DIMETHYLBUTYL AND ISO PR)ESTERS, ZINC SALTS	Log Kow	0.1d	0.600	%
BIS(NONYLPHENYL)AMINE	Kow - Partition coefficient		7.600	

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.
Other EU regulations	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: None
Wassergefährdungsklasse (water hazard class)	German 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) andsubsequent modifications: Restrictions related to the product: 40 Restrictions related to the substances contained: None
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	H315 Causes skin irritation. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. Skin Irrit. 2 Skin irritation, Category 2 Eye Dam. 1 Serious eye damage, Category 1 /C2 Aquatic Chronic 2 Chronic (long term) aquatic hazard, category 2 /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 EuropeanCommunities 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.