

**SAFETY DATA SHEET****Gazpromneft Compressor Oil 220**

Revision

3

Revision date

22.07.23

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1. Product Identifier****1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

<b>Manufacturer</b>	"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
<b>Supplier</b>	"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**

<b>National emergency telephone</b>	112
<b>National Toxicological Information Center, MHAT and Emergency Medicine "N. I. Pirogov"</b>	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**

<b>Further information</b>	For the full text of the hazard statements and EU hazard statements: see SECTION 16
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**2.2. Label elements**

<b>Labeling according to Regulation (EC) No. 1272/2008 (CLP)</b>	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
<b>Hazard statements</b>	The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
<b>Supplemental Hazard information (EU)</b>	EUH210 Safety data sheet available on request. Contains: N-1-NAPHTHYLANILINE May produce an allergic reaction.
<b>Special Provisions</b>	Special provisions according to Annex XVII of REACH and subsequent amendments: Restricted to professional users.

**2.3. Other hazards**

<b>Other hazards</b>	No PBT, vPvB or endocrine disruptor substances present in concentration $\geq$ 0.1%.
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**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances**

<b>Substances</b>	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	70-80	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 OILS	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**

<b>Following inhalation</b>	Remove casualty to fresh air and keep warm and at rest.
<b>Following skin contact</b>	Wash with plenty of water and soap.
<b>Following eye contact</b>	Wash immediately with water.
<b>Following ingestion</b>	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										
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										
Technical measures and storage conditions				Incompatible materials: None in particular. Instructions as regards storage premises: 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 - 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 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.						

<b>Respiratory protection</b>	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.
<b>Technical measures to prevent exposure</b>	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

<b>Physical State</b>	Liquid
<b>Colour</b>	Viscous
<b>Odour</b>	N.A.
<b>Pour point</b>	<-15 °C
<b>Boiling point or initial boiling point and boiling range</b>	N.A.
<b>Flammability</b>	N.A.
<b>Lower and upper explosion limit</b>	N.A.
<b>Flash point</b>	>=250 °C (482 °F) (ASTM D92 (Cleveland Open Cup))
<b>Auto-ignition temperature</b>	374.00 °C
<b>Decomposition temperature</b>	N.A.
<b>pH</b>	N.A.
<b>Kinematic viscosity</b>	at 100°C: N.A. at 40°C (mm <sup>2</sup> /s ): 198-242 ( ASTM D445 )
<b>Solubility</b>	N.A.
<b>Partition coefficient n-octanol/water (log value)</b>	N.A.
<b>Vapour pressure</b>	N.A.
<b>Density and/or relative density</b>	N.A.
<b>Relative vapour density</b>	889.90 kg/m <sup>3</sup> ( ASTM D4052 @ 15°C )
<b>Dynamic viscosity</b>	N.A.
<b>Oxidizing properties</b>	N.A.
<b>Volatile Organic compounds - VOCs</b>	N.A.

### 9.2. Other information

<b>Substance Groups relevant properties</b>	N.A.
<b>Evaporation rate</b>	N.A.
<b>Miscibility</b>	N.A.
<b>Conductivity</b>	N.A.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

<b>Reactivity</b>	Stable under normal conditions.
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### 10.2. Chemical stability

<b>Chemical stability</b>	Data not Available.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Stable under normal conditions.
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### 10.5. Incompatible materials

<b>Incompatible materials</b>	None in particular.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	None.
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## 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.

<b>Acute toxicity</b>	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.
<b>Skin corrosion/irritation</b>	N.A.
<b>Serious eye damage/irritation</b>	N.A.
<b>Respiratory or skin sensitisation</b>	N.A.
<b>Germ cell mutagenicity</b>	N.A.
<b>Carcinogenicity</b>	N.A.
<b>Reproductive toxicity</b>	N.A.
<b>Summary of evaluation of the CMR properties</b>	N.A.
<b>STOT-single exposure</b>	N.A.
<b>STOT-repeated exposure</b>	N.A.
<b>Aspiration hazard</b>	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 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		
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 b) Aquatic chronic toxicity : NOELR Fish = 10.00000 mg/L			
BASE OIL-UNSPECIFIED LUBRICATING OIL	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			
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					
Component	Persitence/Degradability	Test	Duration	Value	Notes
BASE OIL - UNSPECIFIED - RESIDUAL OILS (PETROLEUM), SOLVENT DEWAXED	Non-readily biodegradable				
BASE OIL-UNSPECIFIED LUBRICATING OILS	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					

<b>EU regulations</b>	
<b>Wassergefährdungsklasse (water hazard class)</b>	German Water Hazard Class. German Water Hazard Class.
<b>Other regulations, restrictions and prohibition regulations</b>	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: 40 Restrictions related to the substances contained: 28
<b>15.2. Chemical Safety Assessment</b>	
<b>Chemical Safety Assessment</b>	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.
<b>16. OTHER INFORMATION</b>	

**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  
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.  
This MSDS cancels and replaces any preceding release. 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  
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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: 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.