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

SAFETY DATA SHEET

И-40А

Revision
0
Revision date
30.08.2023

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1. Product Identifier	
Trade name	I-20A
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Recommended use	Industrial oil
Uses advised against	None identified
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)	Classified according to Global Harmonized System (GHS) standards.The product is not classified as dangerous according to Global Harmonized System (GHS) standards.
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)	Labelling according to Global Harmonized System (GHS) standards. Not applicable. Safety data sheet available on request.
2.3. Other hazards	

Other hazards	No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%. Other Hazards: No other hazards

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			90-99	Base oil - unspecified - lubricating oils	Product is not classified (*) Note: * L - 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.
64742-62-7	265-166-0			1-10		Product is not classified (*)

4. FIRST AID MEASURES

4.1. Description of first aid measures

Following inhalation	Remove exposed person to fresh air if adverse effects are observed.
Following skin contact	Take off contaminated clothing and wash before re-use. Wash with soap and water. If skin irritation or rash occurs, get medical attention. Get medical attention if symptoms occur.
Following eye contact	Flush thoroughly with water. If irritation occurs, get medical assistance. Remove contact lenses, if present and easy to do. Continue rinsing.
Following ingestion	Do not induce vomiting, get medical attention showing the SDS and label hazardous. Treat symptomatically.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation acute effects	No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Notes to physician	No further relevant information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO2); dry chemical; foam; sand; water spray). Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture	Use extinguishing media appropriate to the surrounding fire conditions (carbon dioxide (CO2); dry chemical; foam; sand; water spray). Do not use water jet as an extinguisher, as this will spread the fire.
Hazardous combustion products	Burning produces irritating, toxic and obnoxious fumes. Combustion products highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion.

5.3. Advice for firefighters

Special precautions for fire-fighters	Wear suitable respiratory equipment when necessary. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained 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	Eliminate all sources of ignition in vicinity of spilled material. Ensure adequate ventilation of the working area. Surfaces contaminated with the product will become slippery. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. See protective measures under point 7 and 8.

6.2. Environmental precautions

Environmental precautions	Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up

For containment	Use appropriate techniques such as applying noncombustible absorbent materials or pumping. Sweep up. Transfer to suitable, labeled containers for disposal. Residual liquid can be absorbed on inert material.

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 vapors and mists. Contaminated clothing should be changed before entering eating areas. 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	Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Stored in correctly labeled containers.

7.3. Specific end use(s)

Recommendations	No further relevant information available.

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	TWA	5,4 mg/m^3					US. ACGIH Threshold Limit Values (02 2012)

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	Individual protection measures: Wear protective clothing. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
Eye and face protection	Safety glasses. If potential for splash or mist exists, wear chemical goggles or faceshield.
Hand protection	Use nitrile or neoprene gloves. Long sleeve shirt is recommended. Wear a chemically protective when contact with material may occur. Use neoprene or nitrile rubber boots when necessary to avoid contaminating shoes. Launder contaminated clothing before reuse.
Respiratory protection	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 for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.
Organisational measures to prevent exposure	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
Technical measures to prevent exposure	Material should be handled in enclosed vessels and equipment, in which case general (mechanical) room ventilation should be sufficient. Local exhaust ventilation or adequate ventilation should be used at points where dust, mist, vapors or gases can escape into the room air.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Colour	Yellow
Odour	Petroleum odor
Pour point	<-15 °C
Boiling point or initial boiling point and boiling range	Not determined
Lower and upper explosion limit	Not applicable

Flash point	>220 °C (Cleveland Open Cup, ASTMD 92)
Auto-ignition temperature	>165 °C
Decomposition temperature	Not applicable
pH	Not applicable
Kinematic viscosity	(at 40 °C) 61,00-75,00 mm2/s (ASTM D 445) (at 100 °C) Not determined
Solubility	Insoluble
Partition coefficient n-octanol/water (log value)	Not applicable
Vapour pressure	Not applicable
Density and/or relative density	889,0 kg/m3 (ASTM D4052 @ 15°C)
Relative vapour density	Not applicable
Oxidizing properties	Not determined
Volatile Organic compounds - VOCs	Not applicable
9.2. Other information	
Formation of explosible dust/air mixtures	Not applicable
Evaporation rate	Not applicable
Miscibility	Not applicable
Conductivity	Not applicable

10. STABILITY AND REACTIVITY

10.1. Reactivity	
Reactivity	This product has no significant hazards with respect to reactivity. Stable under normal conditions.
10.2. Chemical stability	
Chemical stability	Stable under normal conditions. Will not decompose if stored and used as recommended.
10.3. Possibility of hazardous reactions	
Possibility of hazardous reactions	Will not occur. Stable under normal conditions.
10.4. Conditions to avoid	
Conditions to avoid	Elevated temperatures, sparks and open flames.
10.5. Incompatible materials	
Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	
Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

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	Acute toxicity Based on available data, the classification criteria are not met. Not classified.

Skin corrosion/irritation	Based on available data, the classification criteria are not met. Not classified. 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	
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met. Not classified. 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	Based on available data, the classification criteria are not met. Not classified.
Carcinogenicity	Based on available data, the classification criteria are not met. Not classified. PCA content (IP 346) < 3 % .
Reproductive toxicity	Based on available data, the classification criteria are not met. Not classified.
STOT-single exposure	Based on available data, the classification criteria are not met. Not classified.
STOT-repeated exposure	Based on available data, the classification criteria are not met. Not classified.
Aspiration hazard	Based on available data, the classification criteria are not met. Not classified.
Toxicological information of the mixture	Endocrine disrupting properties. No endocrine disruptor substances present in concentration >= 0.1%

Toxicological information on main components of the mixture

Component	Toxicity	Information
Base oil - unspecified - lubricating oils CAS: 74869-22-0, EC: 278-012-2		Acute oral/rat LD_{50} > 5000 mg/kg Acute dermal/rabbit LD_{50} >2000 mg/kg Acute inhalation/rat LC_{50} > 5000 mg/m3
Residual oils (petroleum), solvent dewaxed CAS: 64742-62-7 EC: 265-166-0		Acute oral/rat LD 50 > 5000 mg/kg Acute dermal/rabbit LD 50 >2000 mg/kg Acute inhalation/rat LC 50 > 5000 mg/m^3

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute (short-term) toxicity	Dispose in accordance with applicable regulations, avoid release to the environment. Eco-toxicological information: Not classified for environmental hazards.

List of components with eco-toxicological properties

Component	Identification number	Ecotoxicological information
Base oil - unspecified - lubricating oils Quantity 90-99%	CAS: 74869-22-0 EC: 278-012-2	Quantity 90-99% EL_{50} Aquatic acute toxicity Daphnia magna > 10000 мг/л 48ч NOELR Aquatic acute toxicity Algae > 100 mg/L 72h LL_{50} Aquatic acute toxicity Fish > 100 mg/L 96h NOELR Aquatic chronic toxicity Daphnia magna = 10mg/L 21 days NOELR Aquatic chronic toxicity Fish = 10 mg/L
Residual oils (petroleum), solvent-dewaxed Quantity 1-10%	CAS: 64742-62-7 EC: 265-166-0	Quantity 1-10% EL_{50} Aquatic acute toxicity Daphnia magna > 10000 мг/л 48ч NOELR Aquatic acute toxicity Algae > 100 mg/L 72h LL_{50} Aquatic acute toxicity Fish > 100 mg/L 96h NOELR Aquatic chronic toxicity Daphnia magna = 10mg/L 21 days NOELR Aquatic chronic toxicity Fish = 10 mg/L

12.2. Persistence and degradability

Component	Persitence/Degradability	Test	Duration	Value	Notes
Base oil - unspecified - lubricating oils		31 %	28 d		Non-readily biodegradable Note: Based on data from similar materials.

12.3. Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow)	No additional information available

12.4. Mobility in soil

Known or predicted distribution to environmental compartments	Product floats on water (insoluble) and can entrape 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, vPvB substances present in concentration >= 0.1%.

12.6. Endocrine disrupting properties

Endocrine disrupting properties	No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

Other adverse effects	No components with environmental hazard properties.

12.8. Additional information

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

14. TRANSPORT INFORMATION

14.1. UN number or ID number

UN number or ID number	Not applicable

14.2. UN proper shipping name

UN proper shipping name	Not applicable

14.3. Transport hazard class(es)

Transport hazard class(es)	Not applicable

14.4. Packing group	
Packing group	Not applicable
14.5. Environmental hazards	
Environmental hazards	No
14.6. Special precautions for user	
Special precautions for user	Not applicable
14.7. Maritime transport in bulk according to IMO instruments	
Maritime transport in bulk according to IMO instruments	Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Authorisations and/or restrictions on use	All components comply with the following chemical inventory requirements: Canada (DSL). All components of this product are listed on the Domestic Substances List. China (IECSC). All components of this product are listed on the Inventory of Existing Chemical Substances in China. New Zealand (NZIoC). All components of this product are listed on NZIoC. Do not have an individual approval but may be used under an appropriate group standard. Taiwan (TCSI). All components of this product are listed on the Taiwan Chemical Substance Inventory.
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	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 BCF: Biological Concentration Factor CAS: Chemical Abstracts Service (division of the American Chemical Society). CMR: Carcinogenic, Mutagenic and Reprotoxic. CSA: Chemical Safety Assessment. DMEL: Derived Minimal Effect Level. DMSO: Dimethyl sulfoxide. DNEL: Derived No Effect Level. EC50: Half Maximal Effective Concentration. EINECS (EC): European Inventory of Existing Commercial Chemical Substances. GHS: Globally Harmonized System of Classification and Labeling of Chemicals. IATA: International Air Transport Association. IC50: half maximal inhibitory concentration. IMDG: International Maritime Code for Dangerous Goods. LC50: Lethal concentration, for 50 percent of test population. LD50: Lethal dose, for 50 percent of test population. N.A.: Not Applicable. N/D: Not defined/ Not available. NA: Not available. NOAEL: No Observed Adverse Effect Level. OSHA: Occupational Safety and Health Administration. PBT: Persistent, Bioaccumulative and Toxic. PMT: Persistent, Mobile, Toxic). PNEC: Predicted No Effect Concentration. RID: Regulation Concerning the International Transport of Dangerous Goods by Rail. STOT: Specific Target Organ Toxicity. TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard). vPvB: Very Persistent, Very Bioaccumulative. vPvM: Very Persistent, Very Mobile.