

# NISOTEC MOTOR OIL SF SAE 10W-40

Ревизия:

1

Дата на ревизията:

1.09.2024

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

### 1.1. Product Identifier

Trade name	NISOTEC MOTOR OIL SF SAE 10W-40
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### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Engine oil.
Uses advised against	Should not be used for any purposes other than recommended.

### 1.3. Details of the supplier of the safety data sheet

Manufacturer	NIS j.s.c. Novi Sad, Narodnog fronta 12, 21000 Novi Sad, Serbia. Phone: +381 08 0000 8888 (24h) Email: nis.maziva@nis.rs
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 office@denitrade.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 <a href="http://www.pirogov.bg">http://www.pirogov.bg</a>

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)	Not classified.
Further information	For the full text of the hazard statements and EU hazard statements: see SECTION 16

### 2.2. Label elements

Hazard pictograms	Not applicable.
Signal word	Not applicable.
Hazard statements	Not applicable.
Supplemental Hazard information (EU)	EUH210 - Safety Data Sheet available on request.

### 2.3. Other hazards

Other hazards	The mixture contains no components considered to be PBT/vPvB at levels of 0.1% or higher. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Substances	Not applicable, the product is a mixture.
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#### 3.2. Mixtures

Index No CAS No EC No	REACH Registration No	Name	CLP/GHS1	% [weight]		Concentration range w/w %
649-474-00-6 64742-65-0 265-169-7	01-2119471299-27	Distillates (petroleum), solvent dewaxed heavy paraffinic	Not classified			40 - 80
649-469-00-9 64742-56-9 265-159-2	01-2119480132-48	Distillates (petroleum), solvent dewaxed light paraffinic	Asp. Tox. 1, H304			0 - 40
649-467-00-8 64742-54-7 265-157-1	01-2119484627-25	Destillates (petroleum), hydrotreated, heavy paraffinic	Asp. Tox. 1, H304			0 - 20
649-471-00-X 64742-62-7 265-166-0	01-2119480472-38	Residual oils (petroleum), solvent-dewaxed	Not classified			0 - 5
					Дестилати (нефт), депарафинирани с разтворител тежки парафинови и дестилати (нефт), депарафинирани с разтворител леки парафинови и дестилати (нефт), хидротретирани, тежки парафинови и остатъчни масла (нефт), депарафинирани с разтворител, не са класифицирани като канцерогенни вещества, тъй като може да се докаже, че съдържат < 3% диметилсулфоксид (DMSO), измерено чрез метод за изпитване IP 346 (бележка L, приложение VI от Регламент (ЕО) 1272/2008). За пълния текст на H- предупрежденията вижте Раздел 16.	

### 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

<b>General notes</b>	Move casualty away from source of exposure. Provide fresh air. If symptoms persist, call a physician. If breathing heavily, irregularly, or not breathing, give artificial respiration (only by skilled, qualified personnel). Make sure respiratory tract passages are free of obstacles at every moment. Seek medical attention promptly.
<b>Following skin contact</b>	Remove contaminated clothing and shoes. Wash place of contact with mild soap and water. If skin irritation or rash occurs, get medical advice. Wash contaminated clothing before reuse. In case of contact with hot products, run cool water over burned area. Do not try to remove by force parts of clothes which get stuck to the exposed person's skin as a consequence of contact with hot products. In this situation, one should seek medical attention.
<b>Following eye contact</b>	Immediately rinse eyes with plenty of running water. When rinsing eyes, hold eyelid apart from eyeball to ensure a thorough rinsing (by forcibly holding the eye wide open with hands). Remove contact lenses, if any, and continue rinsing the eyes for at least 15 minutes. If irritation occurs, consult a physician. Chemical burns must be treated promptly by a physician.

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

<b>Inhalation acute effects</b>	It is unlikely adverse effects will occur if the substance is inhaled at a normal temperature and pressure. When heated evaporates. If inhaled high vapour concentration leads to irritations of the respiratory system, including nose and throat irritation.
<b>Skin contact acute effects</b>	No irritation expected. Contact with heated material leads to chemical burns.
<b>Eye contact acute effects</b>	No irritation expected. Contact with heated material leads to chemical burns.
<b>Ingestion delayed effects</b>	Symptoms are not likely to occur if ingested in small quantities. If large quantities are ingested, nausea, abdominal pain, vomiting will occur.

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

<b>Notes to physician</b>	The treatment should be carried out based on symptoms present and the patient's clinical state.
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### **5. FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	In case of a small, initial fire, use dry chemical powder, sand, soil or carbon-dioxide. In case of a large fire, use water mist/spray (only by trained personnel) or foam (only by trained personnel).
<b>Unsuitable extinguishing media</b>	Direct water jet, as it may spread the fire. Avoid simultaneous use of water and foam on the same surface because water will destroy foam.

#### **5.2. Special hazards arising from the substance or mixture**

<b>Hazards from the substance or mixture</b>	This product is not classified as flammable. If the burning process is initiated, the product may start burning, whereat a complex mixture of unidentified organic and inorganic compounds and gases may form, such as carbon dioxide and carbon monoxide.
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#### **5.3. Advice for firefighters**

<b>Special precautions for fire-fighters</b>	Evacuate people from by fire covered area. Product which is not on fire should be moved to a safe zone, if minimum risk is involved. Use water spray to cool unopened containers which were on fire in the hazard zone. Do not allow water used to cool container to enter drains, surface water and groundwater, or soil. Collect and dispose of it in accordance with the applicable local regulations. The fire-fighters should wear the complete personal protective equipment, including the selfcontained breathing apparatus with a whole-face mask functioning on the principle of positive-pressure (SCBA).
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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Protective equipment for non-emergency personnel</b>	No action shall be taken involving any personal risk or without suitable training. Evacuate the danger area, observe emergency procedures, contact emergency personnel. Avoid direct contact with skin and eyes. Do not inhale oil mist. Do not touch or walk through spilled material. Use adequate personal protective clothing and equipment (refer to Section 8). Keep away from heat and sources of ignition. Remove all sources of ignition and sparking. Move to a well-ventilated place, away from the source of the accident.
<b>Emergency procedures for non-emergency personnel</b>	Use adequate personal protective clothing and equipment (refer to Section 8). Remove all sources of ignition and sparking.

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid spreading of spillage, run off and contact with soil, waterways, drains and sewers. Inform the competent authorities in case of contamination of environment (soil, waterways or sewers).
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### 6.3. Methods and material for containment and cleaning up

<b>For containment</b>	In the cleaning process, do not use sparking tools and equipment. Remove all sources of ignition from the spillage zone. Prevent spreading and run off product by constructing sand and soil barriers. In case of large spillage, collect it using pumps and dispose of it into containers intended for waste disposal. In case of small leaks, use soil or some other inert, non-combustible absorbent material to collect spillage. Put the collected spillage into closed containers intended for further disposal. Disposal should be carried out by an authorized operator. In case of small leaks in closed water systems, prevent spreading by floating barriers or similar equipment, and collect it using specific floating absorbents.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	Follow instructions under Section 8 related to personal protection and waste treatment and disposal instructions under section 13.
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## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

<b>Protective measures</b>	In the process of handling, avoid direct skin and eye contact. Use adequate personal protective equipment (for further information, refer to section 8.2). Store and use away from open flame, sparks, heat and other ignition sources. During handling, do not use sparking tools and equipment. Avoid static electricity discharge. Loading should be performed exclusively at prescribed places and into adequate tanks, using functional equipment and devices, by professionally trained and experienced personnel. After finishing the activity, keep in tightly closed containers. Obey occupational safety, fire protection and general hygiene measures. Do not eat, drink, or smoke during handling. Before breaks and after finishing the work, wash the hands thoroughly. Before entering a food service area, take off the contaminated clothing and protective equipment.
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## 7.2. Conditions for safe storage, including any incompatibilities

<b>Technical measures and storage conditions</b>	Store the product in a dry, cold, well ventilated place, protected from direct weather effects. Keep in original, undamaged, closed and labelled packaging. Avoid exposure to direct sunlight, heat sources, open flames, sparks and other sources of ignition. Weather conditions may damage the label on the packaging. Store away from incompatible materials (refer to section 10.5.). Keep away from food, drink and animal feed. The plugs of packaging must be tightly closed. Before removing the plugs, dry the upper surface of the barrel and clean it of all contaminants that could get into the product. The recommended storage temperature: 0 – 40°C.
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## 7.3. Specific end use(s)

<b>Recommendations</b>	The identified uses of this product are detailed in sub-section 1.2
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### List of components with OEL value

#### Derived No Effect Level (DNEL)

Component	CAS No.	PNEC limit	Exposure Route	Exposure Frequency	Remark
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7		Oral	Long - term exposure - systemic effects	0.74 mg/kg bw/day (general population)
				Long - term exposure - local effects	5.6 mg/m3 (workers)
			Inhalation	Long - term exposure - local effects	1.2 mg/m3 (general population)
				Long - term exposure - systemic effects	2.7 mg/m3 (workers)
			Dermal	Long - term exposure - systemic effects	1 mg/kg/bw/day (workers)

#### Predicted No Effect Concentration (PNEC) values

Component	CAS No.	Worker Industry	Worker Professional	Consumers	Exposure Route	Exposure Frequency	Remark
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7				Oral (secondary poisoning)		9.33 mg/kg food

## 8.2. Exposure controls

<b>Occupational exposure limits</b>	EU OEL (Europe): TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup> Bulgaria: TWA: 5 mg/m <sup>3</sup> Czech Republic: TWA: 5 mg/m <sup>3</sup> Greece: TWA: 5 mg/m <sup>3</sup> Hungary: TWA: 5 mg/m <sup>3</sup> Romania: TWA: 5 mg/m <sup>3</sup> Slovakia: TWA: 5 mg/m <sup>3</sup>
<b>Eye and face protection</b>	Wear tightly fitting safety goggles providing adequate protection against sprays of liquid product in the eyes (EN 166).
<b>Hand protection</b>	Wear gloves resistant to chemicals (EN374). The gloves should be periodically inspected and replaced in case of wear and tear, perforation or contamination.
<b>Body protection</b>	Wear antistatic protective clothing - long sleeve shirts and long trousers. Wear antistatic shoes resistant to chemicals, thermally insulated, if required, according to the EN 340.
<b>Respiratory protection</b>	To prevent irritation of respiratory system, avoid inhalation of vapours. If it is not possible to assess the exposure level reliably or there is a risk of reduced supply of oxygen, use the self-contained breathing apparatus (SCBA). Selection of respiratory protective equipment should be made in accordance with the specific activities, level of exposure and anticipated exposure period.
<b>Substance/mixture related measures to prevent exposure</b>	Mechanical ventilation and local exhaust systems will reduce exposure via the air.
<b>Hygiene measures</b>	Wash hands, forearms, and face thoroughly when finished working with product, before eating, drinking, smoking, or going to toilet. Wash contaminated clothing before reuse.
<b>Environmental exposure controls</b>	Apply adequate control measures to prevent contact with environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical State</b>	liquid
<b>Colour</b>	brown
<b>Odour</b>	characteristic
<b>Melting point/freezing point</b>	not applicable, see point 9.2
<b>Pour point</b>	≤ - 30°C, typ. -36°C (ISO 3016)
<b>Boiling point or initial boiling point and boiling range</b>	not applicable
<b>Flammability</b>	not determined
<b>Lower and upper explosion limit</b>	not determined
<b>Flash point</b>	≥ 215°C, typ. 224°C (ISO 2592)

<b>Auto-ignition temperature</b>	not determined
<b>pH</b>	not determined
<b>Kinematic viscosity</b>	96 mm <sup>2</sup> /s at 40°C (ISO 3104) 14.6 mm <sup>2</sup> /s at 100°C (ISO 3104)
<b>Solubility</b>	soluble in oil and greases, insoluble in water
<b>Partition coefficient n-octanol/water (log value)</b>	soluble in oil and greases, insoluble in water
<b>Vapour pressure</b>	not determined
<b>Density and/or relative density</b>	873 kg/m <sup>3</sup> at 15°C (ASTM D 4052)
<b>Relative vapour density</b>	not determined
<b>Particle characteristics</b>	not applicable

## 9.2. Other information

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

<b>Reactivity</b>	No reactivity hazard is expected under recommended handling and storage conditions.
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### 10.2. Chemical stability

<b>Chemical stability</b>	Stable under recommended handling and storage conditions.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Hazard reactions will not occur under recommended handling and storage conditions.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposure to high temperatures, open flame, sparks, and other ignition sources, storing with incompatible substances.
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### 10.5. Incompatible materials

<b>Incompatible materials</b>	Strong oxidizing agents.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Under regular and recommended conditions or storing and use, the product will not decompose and form hazardous products. In the combustion process, a complex mixture of unidentified organic and inorganic compounds and gases may be formed, such as carbon dioxide and carbon monoxide.
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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>	Based on available data, the classification criteria are not met. Acute toxicity of substances contained in the mixture are given in the table below. Information on other hazards: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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<b>Skin corrosion/irritation</b>	Based on available data the classification criteria are not met.
<b>Serious eye damage/irritation</b>	Based on available data the classification criteria are not met.
<b>Respiratory or skin sensitisation</b>	Based on available data the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met. Distillates (petroleum) / Residual oils (petroleum), solvent dewaxed contained in product have < 3% DMSO extract according to IP 346 test method, due to they are not classified as carcinogenic.
<b>Reproductive toxicity</b>	Based on available data the classification criteria are not met.
<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>	Prolonged or repeated exposure may cause mild temporary skin irritation, depending on the individual skin sensitivity.
<b>STOT-single exposure</b>	Based on available data the classification criteria are not met.
<b>STOT-repeated exposure</b>	Based on available data the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>Information on likely routes of exposure</b>	Inhalation, peroral, dermal and eye contact.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Characteristic symptoms resulting from exposure of product are specified in section 4.2. 1000 mg/kg bw/day
<b>Toxicological information on main components of the mixture</b>	



Index No CAS No EC No	Name	Acute toxicity
649-474-00-6 64742-65-0 265-169-7	Distillates (petroleum), solvent dewaxed heavy paraffinic	LD50 > 5000 mg/kg bw (rat, oral) LC50/4h > 5.53 mg/l (rat, by inhalation) LD50 > 2000 mg/kg bw (rabbit, dermal)
649-469-00-9 64742-56-9 265-159-2	Distillates (petroleum), solvent dewaxed light paraffinic	LD50 > 5000 mg/kg bw (rat, oral) LC50/4h > 5.53 mg/l (rat, by inhalation) LD50 > 2000 mg/kg bw (rabbit, dermal)
649-467-00-8 64742-54-7 265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic	LD50 > 5000 mg/kg bw (rat, oral) LC50/4h > 5000 mg/m3 (rat, by inhalation) LD50 > 5000 mg/kg bw (rabbit, dermal)
649-471-00-X 64742-62-7 265-166-0	Residual oils (petroleum), solvent-dewaxed	LD50 > 5000 mg/kg bw (rat, oral) LC50/4h > 5.53 mg/l (rat, by inhalation) LD50 > 2000 mg/kg bw (rabbit, dermal)
Repeated dose toxicity: 649-467-00-8 64742-54-7 265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic	LOAEL 125 mg/kg bw/day (rat, oral, systemic effect, subchronic) NOAEC 980 mg/m3 (rat, inhalation, systemic effect, subacute) LOAEL 100 mg/kg bw/day (mouse, dermal, systemic effect, chronic)

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### List of components with eco-toxicological properties

Index No CAS No EC No	Name	Ecotoxicological information
649-474-00-6 64742-65-0 265-169-7	Distillates (petroleum), solvent dewaxed heavy paraffinic	LC50 > 100 mg/l (fish 1) ErC50 > 100 mg/l (algae) EC50 > 100 mg/l (other aquatic organisms 1) NOEC > 1 mg/l (chronic crustacea)
649-469-00-9 64742-56-9 265-159-2	Distillates (petroleum), solvent dewaxed light paraffinic	LC50 > 100 mg/l (fish 1) ErC50 > 100 mg/l (algae) EC50 > 100 mg/l (other aquatic organisms 1) NOEC > 1 mg/l (chronic crustacea)
649-467-00-8 64742-54-7 265-157-1	Distillates (petroleum), hydrotreated, heavy paraffinic	LL50/96 ч > 100 мг/л (Pimephales promelas) EL50/48 ч > 10000 мг/л (Daphnia magna) EL50/72h ≥ 100 mg/l (Pseudokirchneriella subcapitata) NOELR/21 дни 10 мг/л (Daphnia magna) NOELR/72h ≥ 100 mg/l (Pseudokirchneriella subcapitata)
649-471-00-X 64742-62-7 265-166-0	Residual oils (petroleum), solvent-dewaxed	LC50 > 100 mg/l (fish 1) ErC50 > 100 mg/l (algae) EC50 > 100 mg/l (other aquatic organisms 1) NOEC > 1 mg/l (chronic crustacea)

### 12.2. Persistence and degradability

Component	Index No CAS No EC No	Test	Duration	Value	Result
Distillates (petroleum), hydrotreated, heavy paraffinic	649-467-00-8 64742-54-7 265-157-1	OECD TG 301B OECD TG 301F			< 32% after 28 days

### 12.3. Bioaccumulative potential

Component	Index No CAS No EC No	Duration	Value	Bioaccumulation Data
Distillates (petroleum), solvent dewaxed heavy paraffinic	649-474-00-6 64742-65-0 265-169-7			Log Kow > 6 (literature data, potentially bioaccumulative)
Distillates (petroleum), solvent dewaxed light paraffinic	649-469-00-9 64742-56-9 265-159-2			Log Kow > 6 (literature data, potentially bioaccumulative)
Residual oils (petroleum), solvent-dewaxed	649-471-00-X 64742-62-7 265-166-0			Log Kow > 6 (literature data, potentially bioaccumulative)

### 12.4. Mobility in soil

Known or predicted distribution to environmental compartments	No data available.
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### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	The mixture contains no components considered to be PBT/vPvB at levels of 0.1% or higher.
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### 12.6. Endocrine disrupting properties

Endocrine disrupting properties	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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### 12.7. Other adverse effects

Other adverse effects	No data available.
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### 12.8. Additional information

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product/Packaging disposal	Where possible avoid waste accumulation or reduce it to minimum. Dispose of unused product in compliance with applicable local regulations.
Waste treatment-relevant information	Treat and dispose of contaminated packaging in compliance with applicable local regulations. Waste code: 13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils (categorization of waste is the responsibility of users)

## 14. TRANSPORT INFORMATION

### 14.1. UN number or ID number

UN number or ID number	Not applicable.
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### 14.2. UN proper shipping name

<b>UN proper shipping name</b>	Not applicable.
<b>14.3. Transport hazard class(es)</b>	
<b>Transport hazard class(es)</b>	Not applicable.
<b>14.4. Packing group</b>	
<b>Packing group</b>	Not applicable.
<b>14.5. Environmental hazards</b>	
<b>Environmental hazards</b>	Not applicable.
<b>14.6. Special precautions for user</b>	
<b>Special precautions for user</b>	Not applicable.
<b>14.7. Maritime transport in bulk according to IMO instruments</b>	
<b>Maritime transport in bulk according to IMO instruments</b>	Not applicable.

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>EU regulations</b>	<p>Commission Regulation (EU) No 878/2020 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)</p> <p>Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)</p> <p>Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006</p> <p>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC</p> <p>Regulation (EC) No 1907/2006, Annex XVII (the substances subject to restriction on marketing and use): none present</p> <p>Regulation (EC) No 1907/2006, Article 59 (the substances on Candidate List): none present</p> <p>Regulation (EC) No 1907/2006, Annex XIV (the substances subject to authorisation): none present</p>
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### 15.2. Chemical Safety Assessment

<b>Chemical Safety Assessment</b>	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.
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## 16. OTHER INFORMATION

## Other information

Amendments:  
Version / Revision: 1/-  
List of abbreviations and acronyms:  
Asp. Tox. 1 - Aspiration hazard, Category 1  
OEL - Occupational Exposure Limit  
SCBA - Self Contained Breathing Apparatus  
TWA - Time Weighted average (frequent long-term exposure over 8-hour work day)  
LD50 - Lethal dose 50 (Lethal dose 50 is a substance dose which is lethal to 50% of tested animals)  
bw - Body weight  
LC50 - Lethal concentration 50 (Lethal concentration 50 is the concentration which is lethal to 50% of tested animals)  
EC50 - Median effective concentration (Median effective concentration means the effective concentration of substance in the environment which produces a specific effect to 50% of tested organisms under a defined set of conditions)  
ErC50 - Median Effective Concentration (EC50 (growth rate))  
LL50 - Lethal loading rate for 50% of the test population  
EL50 - Effective loading rate lethal to 50% of the test population  
NOEC - No Observable Effect Concentration (a maximum dose not producing a harmful effect)  
NOELR - No Observed Effect Loading Rate  
NOAEL - No Observed (Adverse) Effect Level  
NOAEC - No Observed (Adverse) Effect Concentration  
LOAEL - Lowest Observed Adverse Effect Level  
Log Kow - Partition coefficient n-octanol/water  
OECD - Organisation for Economic Co-operation and Development  
PBT - Persistent, bioaccumulative and toxic substance  
vPvB - Very persistent and very bioaccumulative substance  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
RID - International Rule for Transport of Dangerous Substances by Railway  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
IMDG - International Maritime Dangerous Goods  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
Basic literature and sources:  
Safety Data Sheet of components.  
[www.echa.europa.eu](http://www.echa.europa.eu)  
List of hazard statements and the associated full text:  
H304 - May be fatal if swallowed and enters airways.  
Training advice:  
Suitable training on safety in handling, storing and converting the product should be given to the employees based on all the existing information. Other Information:  
The information provided herein is correct to our up-to-date knowledge. The product must not be used for any purposes other than specified herein. We shall not accept any liability in case of non compliance with this Safety Data Sheet.