Patent Leather Finish

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Issue date: 17/05/2021 Revision date: 10/10/2022 Supersedes version of: 17/05/2021 Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	:	Mixture
Trade name	:	Patent Leather Finish
Product code	:	LRC63
Type of product	:	Sole finishes.

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Product for treatment of leather and other flexible material.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Leather Repair Company
Unit 22
Argyle Street Factory Estate,
Hull, East Yorkshire
HU3 1HD, England
Tel 44 (0)1482 606864

help@leatherrepaircompany.com www.leatherrepaircompany.com

1.4. Emergency telephone number

Tel 44 (0)1482 606864

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word (CLP)	:	-
Hazard statements (CLP)	:	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	:	P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. P273 - Avoid release to the environment.
Extra phrases	:	Contains : 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May cause an allergic skin reaction.

2.3. Other hazards

Other hazards which do not result in classification : None known.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-(2-butoxyethoxy)ethanol substance with national workplace exposure limit(s) (ES, FR, GB, PT); substance with a Community workplace exposure limit	(CAS-No.) 112-34-5 (EC-No.) 203-961-6 (EC Index-No.) 603-096-00-8 (REACH-no) 01-2119475104-44	≥0.2 - <1	Eye Irrit. 2, H319
triethylamine substance with national workplace exposure limit(s) (ES, FR, GB, PT); substance with a Community workplace exposure limit	(CAS-No.) 121-44-8 (EC-No.) 204-469-4 (EC Index-No.) 612-004-00-5 (REACH-no) 01-2119475467-26	≥0.2 - <1	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335
octamethylcyclotetrasiloxane substance listed as REACH Candidate PBT substance; vPvB substance	(CAS-No.) 556-67-2 (EC-No.) 209-136-7 (EC Index-No.) 014-018-00-1 (REACH-no) 01-2119529238-36	≥0.025 - ≤0.1	Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 1, H410 (M=10)

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits**
triethylamine	(CAS-No.) 121-44-8 (EC-No.) 204-469-4 (EC Index-No.) 612-004-00-5 (REACH-no) 01-2119475467-26	(1 ≤C < 100) STOT SE 3, H335

Comments : There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.
See Section 8 for information on personal protection equipment

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical attention attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Give oxygen or artificial respiration if necessary. If unconscious, place in recovery position and get medical attention immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Maintain an open airway.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. Get medical attention if symptoms occur. Wash contaminated clothing before reuse. Thoroughly clean shoes before re-using.

First-aid measures after eye contact	:	Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	:	Rinse mouth thoroughly with water. Remove person to fresh air and keep comfortable for breathing. If material has been ingested and the exposed person is conscious, supply small amounts of water to drink. Do NOT induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. Loosen tight clothing such as a collar, tie, belt or waistband.

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

Symptoms/effects after inhalation	:	No specific data.
Symptoms/effects after skin contact	:	No specific data.
Symptoms/effects after eye contact	:	No specific data.
Symptoms/effects after ingestion	:	No specific data.

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

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. No specific treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	Harmful to aquatic life with long lasting effects. Do not dispose of fire-fighting water in the environment. Prevent the product from entering drains or confined areas.
Explosion hazard	:	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous decomposition products in case of fire	:	Thermal decomposition generates : carbon dioxide. carbon monoxide. Nitrogen oxides.

5.3. Advice for firefighters

Precautionary measures fire	:	No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
Firefighting instructions	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Prevent fire fighting water from entering the environment.
Protection during firefighting	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for firefighters (including helmets, protective boots and gloves) conforming to European standard EN 469 provides a basic level of protection in case of chemical incident.
Other information	:	No additional information available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	No action shall be taken involving any personal risk or without suitable training.

6.1.1. For non-emergency personnel

Emergency procedures	:	Evacuate area. Evacuate unnecessary personnel. Only qualified personnel equipped with suitable protective equipment may intervene. Do not touch or walk on the spilled product. Wear personal protective equipment.

6.1.2. For emergency responders

Protective equipment	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Emergency procedures : Evacuate area.

6.2. Environmental precautions

Avoid the dispersion of spilled material, its contact with the ground, waterways, drainage pipes and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak without risks if possible.

Methods for cleaning up : Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill: Stop leak if without risk. Move containers from spill area.
Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Dispose of via a licensed waste disposal contractor.

6.4. Reference to other sections

See Heading 1 for emergency contact information. For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13: additional waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wear appropriate personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Hygiene measures : Do not eat, drink or smoke in areas where product is used. Wash your hands, forearms and face thoroughly after handling chemicals, before eating, smoking and using the bathroom and at the end of the day. Remove contaminated clothing and protective equipment before entering eating areas. For further information refer to section 8: "Exposure controls/personal protection".

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep in original containers. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container closed when not in use. Opened containers must be carefully closed and kept upright to avoid leakage. Do not store in unlabeled containers. Use appropriate container to avoid environmental contamination. Protect from low temperatures. Stir product before use.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2-(2-butoxyethoxy)ethanol (112-34-5)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-(2-Butoxyethoxy)ethanol
IOEL TWA	67,5 mg/m³

2-(2-butoxyethoxy)ethanol (112-34-5)	
IOEL TWA [ppm]	10 ppm
IOEL STEL	101,2 mg/m³
IOEL STEL [ppm]	15 ppm
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC
United Kingdom - Occupational Exposure Limits	
Local name	2-(2-Butoxyethoxy)ethanol
WEL TWA (OEL TWA) [1]	67,5 mg/m³
WEL TWA (OEL TWA) [2]	10 ppm
WEL STEL (OEL STEL)	101,2 mg/m³
WEL STEL (OEL STEL) [ppm]	15 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

triethylamine (121-44-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Triethylamine
IOEL TWA	8,4 mg/m³
IOEL TWA [ppm]	2 ppm
IOEL STEL	12,6 mg/m³
IOEL STEL [ppm]	3 ppm
Remark	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
United Kingdom - Occupational Exposure Limits	
Local name	Triethylamine
WEL TWA (OEL TWA) [1]	8 mg/m³
WEL TWA (OEL TWA) [2]	2 ppm
WEL STEL (OEL STEL)	17 mg/m³
WEL STEL (OEL STEL) [ppm]	4 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Monitoring methods	
Monitoring methods	If this product contains ingredients with exposure limits, personal, work or biological monitoring may be necessary to determine the effectiveness of ventilation or other control measures and / or the need to wear respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

8.2. Exposure controls

Appropriate engineering controls:
Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment:
Protective goggles. Gloves.

Materials for protective clothing:
Appropriate footwear and any additional skin protection measures depending on the task being carried out and the risks involved. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hand protection:
If a risk assessment indicates that it is necessary, chemical-resistant and impenetrable gloves should be worn which comply with the approved standards whenever chemical products are handled.

Eye protection:
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin and body protection:
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection:
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Personal protective equipment symbol(s):

Environmental exposure controls:

Emissions from ventilation equipment or work processes should be verified to ensure that they meet the requirements of environmental protection legislation. In some cases it will be necessary to use smoke scrubbers, filters or modify the design of the process equipment to reduce emissions to an acceptable level.

Other information:

Wash your hands, forearms and face thoroughly after handling chemicals, before eating, smoking and using the bathroom and at the end of the day. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reuse. Verify that eyewash stations and safety showers are close to the workstation location.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	white.
Odour	:	characteristic.
Odour threshold	:	No data available
pH	:	7 – 8,5
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	100 °C
Flash point	:	Not applicable.
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	1,02 @ 20ºC
Solubility	:	Miscible with water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	400 – 700 mPa.s
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

VOC content	:	4,3 % Definition according to EU Directive 2004/42/EC: All organic compounds with a boiling point of <= 250°C at 101,3 kPa.
Other properties	:	No supplementary information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not considered to be reactive according to our database.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No specific data.

10.5. Incompatible materials

No incompatible products according to our database.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

PATENT LEATHER FINISH	
ATE CLP (dermal)	164223,5 mg/kg
ATE CLP (vapours)	1022,1 mg/l

2-(2-butoxyethoxy)ethanol (112-34-5)	
LD50 oral rat	45000 mg/kg
LD50 dermal rabbit	2764 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), 95% CL: 2090 - 3645

triethylamine (121-44-8)	
LD50 oral rat	730 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rabbit	580 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LD50 dermal	580 mg/kg
LC50 Inhalation - Rat	14,4 mg/kg 1h
ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (dermal)	300 mg/kg bodyweight
ATE CLP (gases)	700 ppmv/4h
ATE CLP (vapours)	3 mg/l/4h
ATE CLP (dust,mist)	0,5 mg/l/4h

octamethylcyclotetrasiloxane (556-67-2)	
LD50 oral rat	> 4800 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:
LD50 dermal rabbit	> 2,5 mg/kg
LC50 Inhalation - Rat	36 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:
LC50 Inhalation - Rat (Dust/Mist)	≈ 36 mg/l/4h
LC50 Inhalation - Rat (Vapours)	≈ 2975 mg/l/4h

Skin corrosion/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8,5
Serious eye damage/irritation	:	Not classified (Based on available data, the classification criteria are not met) pH: 7 – 8,5
Respiratory or skin sensitisation	:	Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	:	Not classified (Based on available data, the classification criteria are not met)

2-(2-butoxyethoxy)ethanol (112-34-5)	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)

triethylamine (121-44-8)	
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	1,02 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Guideline: OECD Guideline 452 (Chronic Toxicity Studies)

Aspiration hazard	:	Not classified (Based on available data, the classification criteria are not met)
Potential adverse human health effects and symptoms	:	Based on available data, the classification criteria are not met.
Other information	:	Decomposition products may be a hazard to health. Serious effects may be delayed following exposure.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	:	Not available.
Hazardous to the aquatic environment, short–term (acute)	:	Not classified
Hazardous to the aquatic environment, long–term (chronic)	:	Harmful to aquatic life with long lasting effects.

2-(2-butoxyethoxy)ethanol (112-34-5)	
LC50 - Fish [1]	1300 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

triethylamine (121-44-8)	
LC50 - Fish [1]	24 mg/l Test organisms (species): Oryzias latipes
EC50 72h - Algae [1]	8 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

EC50 72h - Algae [2]	6,8 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	14 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC (chronic)	7,1 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'

octamethylcyclotetrasiloxane (556-67-2)	
LC50 - Fish [1]	> 22 µg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 15 µg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	≈ 0,022 mg/l
NOEC chronic fish	> 0,0044 mg/l
NOEC chronic crustacea	> 0,0079 mg/l

12.2. Persistence and degradability

PATENT LEATHER FINISH	
Persistence and degradability	Not established.

octamethylcyclotetrasiloxane (556-67-2)	
Biodegradation	≈ 3,7 %

12.3. Bioaccumulative potential

PATENT LEATHER FINISH	
Bioaccumulative potential	Not established.

2-(2-butoxyethoxy)ethanol (112-34-5)	
Partition coefficient n-octanol/water (Log Pow)	1
Bioaccumulative potential	Low.

triethylamine (121-44-8)	
Bioconcentration factor (BCF REACH)	< 0,5
Partition coefficient n-octanol/water (Log Pow)	1,45
Bioaccumulative potential	Low.

octamethylcyclotetrasiloxane (556-67-2)	
Bioconcentration factor (BCF REACH)	≈ 12400
Partition coefficient n-octanol/water (Log Pow)	≈ 6,48
Bioaccumulative potential	High.

12.4. Mobility in soil

PATENT LEATHER FINISH	
Ecology - soil	No additional information available.

octamethylcyclotetrasiloxane (556-67-2)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	> 3,69

12.5. Results of PBT and vPvB assessment

PATENT LEATHER FINISH
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

Component	
octamethylcyclotetrasiloxane (556-67-2)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects : No Known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Product/Packaging disposal recommendations : Eliminate or minimize waste generation when possible. Residual containers must be recycled. Recycling is preferred to disposal or incineration. Dispose in a safe manner in accordance with local/national regulations.

Additional information : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Ecology - waste materials : The classification of the product may meet the criteria for a hazardous waste.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number

UN-No. (ADR) : Not regulated
UN-No. (IMDG) : Not regulated
UN-No. (IATA) : Not regulated
UN-No. (ADN) : UN 9006
UN-No. (RID) : Not regulated

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated
Proper Shipping Name (IMDG) : Not regulated
Proper Shipping Name (IATA) : Not regulated
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (RID) : Not regulated
Transport document description (ADN) : UN 9006 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated

IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

ADN

Transport hazard class(es) (ADN) : 9

RID

Transport hazard class(es) (RID) : Not regulated

14.4. Packing group

Packing group (ADR) : Not regulated
Packing group (IMDG) : Not regulated
Packing group (IATA) : Not regulated
Packing group (ADN) : Not applicable
Packing group (RID) : Not regulated

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

Special transport precautions : Transportation within the users' facilities: always transport in closed containers that are vertical and secure, Ensure that the people who transport the product know what to do in case of an accident or spill.

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Classification code (ADN) : M12
Carriage permitted (ADN) : T
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0
Additional requirements/Remarks (ADN) : Dangerous only when carried in tank vessels.

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains a substance on the REACH candidate list: octamethylcyclotetrasiloxane (EC 209-136-7, CAS 556-67-2)
Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 4,3 % Definition according to EU Directive 2004/42/EC: All organic compounds with a boiling point of <= 250°C at 101,3 kPa.

Directive 2012/18/EU (SEVESO III)

Seveso Additional information : This product is not controlled under Seveso Directive.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Abbreviations and acronyms:	
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
vPvB	Very Persistent and Very Bioaccumulative
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration factor
VOC	Volatile Organic Compounds
EC50	Median effective concentration
SDS	Safety Data Sheet
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
CAS-No.	Chemical Abstract Service number
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
OEL	Occupational Exposure Limit

BLV	Biological limit value
IARC	International Agency for Research on Cancer
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
ThOD	Theoretical oxygen demand (ThOD)
EN	European Standard
LOAEL	Lowest Observed Adverse Effect Level
N.O.S.	Not Otherwise Specified
EC-No.	European Community number
OECD	Organisation for Economic Co-operation and Development
STP	Sewage treatment plant
TLM	Median Tolerance Limit
TRGS	Technical Rules for Hazardous Substances
IOELV	Indicative Occupational Exposure Limit Value
WGK	Water Hazard Class

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.

H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aquatic Chronic 3	H412	Expert judgment

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.