

	vergiftigen
Norway	+47 22 59 13 00
Portugal	+351 800 250 250 (24/7)
Romania	+40213183606
Slovakia	+421 2 5477 4166
Slovenia	112
Spain	+34 91 562 04 20(24h/365 días), Únicamente para respuesta sanitaria en caso de urgencia
Sweden	+46 10 456 6700

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Definition of product *Mixture*

Classification according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council

Skin Irrit. 3, H315

Eye Dam. 2A, H318

See Sections 11 and 12 for more detailed information on health effects and symptoms and environmental hazards.

Label element



Signal word

Caution

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

Precautionary statements

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves/protective clothing/eye protection.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Supplemental label elements

N/A

Special packaging requirements	N/A
Child-resistant safety cap	N/A
Embossed warning sign	N/A
Other hazards	No other non-classified hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name:	Organofunctional polysiloxane and water
Substance name:	Isobutyltriethoxysilane/ Isotridecanol, ethoxylated
CAS number:	17980-47-1/ 69011-36-5
EC number:	402-810-3/ 500-241-6
REACH Registration No.:	According to Article 57 of the REACH Regulation, the product does not contain dangerous substances.
Concentration of the ingredient:	<10%/< 3%

Classification of the ingredient according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council:

*Skin Irrit 2, H315;
Eye Dam. 1, H318;*

4. FIRST AID MEASURES

Description of first aid measures

Eye contact	<i>Rinse eyes immediately with eyewash solution or water (for 10 minutes). CONSULT AN OPHTHALMOLOGIST.</i>
Skin contact	<i>Wash the skin thoroughly with water and soap. Apply protective cream. Take off contaminated clothes. If the symptoms persist, call a doctor.</i>
Ingestion	<i>Rinse mouth and throat. Drink 1-2 glasses of water. Do not induce vomiting. GET IMMEDIATE MEDICAL ADVICE/ATTENTION.</i>
Inhalation	<i>Remove the victim to fresh air. If necessary, consult a physician.</i>

Most important symptoms and effects, both acute and delayed

Not known

Indication of any immediate medical attention and special treatment needed

Quick removal of material is crucial.

Take off contaminated clothes immediately.

Note to physician: *If required, therapy of irritative effect. Early endoscopy to assess mucosa lesions in the oesophagus and stomach which may appear. See Section 11 for more detailed*

information on health effects and symptoms. Indication of any immediate medical attention and special treatment needed.

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media *Dry powder, water spray, foam and CO₂*

Unsuitable extinguishing media *A water jet with a large flow*

Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture *Standard procedure for chemical fires.*

Hazardous combustion products *None*

Advice for firefighters

Special precautions for firefighters *Ensure that the water used for extinguishing the fire does not enter the draining system, soil or water body.*

Special protective equipment for firefighters *Respiratory apparatus*

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

For non-emergency personnel *Personal protective equipment.*

For emergency responders *Wear relevant personal protective equipment.*

Environmental precautions

Keep away from drains, surface and ground water. When containing with sand or other material, prevent the product from spreading into the environment. Inform respective authorities in case of leakage into water body or sewerage, or if the product has contaminated the ground. No flares, smoking or flames in hazard area.

Methods and material for containment and cleaning up

Small/extensive leakage *Collect with liquid absorbing material, e.g. sand, sawdust. Remove residues by rinsing the area with plenty of (warm) water. Liquid material can be removed with a vacuum cleaner.*

Reference to other sections *See Section 1 for emergency telephone numbers.*

See Section 5 for firefighting measures.

See Section 8 for appropriate personal protective equipment.

See Section 12 for ecological information.

See Section 13 for further information on waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Protective measures

Avoid contact with eyes and skin.

Wear protective equipment, see also section 8.

Eye wash stations should be readily accessible.

Do not breathe in vapours or aerosols.

Spaying is permitted only in closed rooms with sufficient ventilation.

Conditions for safe storage, including any incompatibilities

Keep packaging / storage container closed.

Protect from freezing. Do not store above 40°C

Keep away from strong acids and bases

Compatible materials

Concrete, sand limestone.

Incompatible materials

Materials containing strong acids and bases.

Storage class

12 (non-flammable liquid).

See also section 10.

Observe all applicable local regulations during storage and handling.

Specific end use(s)

Not known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limits *Regulation of the Government of the Republic of Estonia No. 105 (EE)*

Exposure limit value: *None*

Exposure controls

Appropriate engineering controls *Use adequate ventilation.*

Individual protection measures, such as personal protective equipment

Respiratory protection	<i>Usually, general room ventilation is sufficient. Avoid inhalation of splashes.</i>
Eye and face protection	<i>Wear suitable tight fitting protective goggles with side shields.</i>
Skin protection	<i>Avoid contact with skin. Wear trousers and a long-sleeved shirt. Wear chemically resistant rubber or plastic gloves.</i>

Environmental exposure controls *No special requirements*

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	<i>Milky white liquid</i>
Odour:	<i>Slightly alcoholic</i>
Odour threshold:	<i>N/A</i>
pH:	<i>8 (20 °C)</i>
Melting point / freezing point:	<i>N/A</i>
Initial boiling point and boiling range:	<i>±98 °C</i>
Flash point:	<i>> 95 °C</i>
Evaporation rate:	<i>N/A</i>
Flammability (solid, gas):	<i>N/A</i>
Upper/lower flammability or explosive limits:	<i>N/A</i>
Vapour pressure:	<i>N/A</i>
Vapour density:	<i>N/A</i>
Relative density:	<i>N/A</i>
Density:	<i>1,00 g/cm³</i>
Solubility(ies):	<i>water-soluble</i>
Solubility(ies) (other):	<i>N/A</i>
Partition coefficient: n-octanol/ water:	<i>N/A</i>
Auto-ignition temperature:	<i>Not expected</i>
Decomposition temperature:	<i>>100 °C</i>
Viscosity:	<i>7,4 mPa.s</i>
Explosive properties:	<i>N/A</i>
Oxidising properties:	<i>N/A</i>
Other information:	<i>N/A</i>

10. STABILITY AND REACTIVITY

Reactivity	<i>No dangerous reaction known conditions of normal use.</i>
Chemical stability	<i>Stable under the recommended storage and handling conditions.</i>
Possibility of hazardous reactions	<i>Aqueous solutions react with aluminium, zinc, tin, copper and alloys thereof, releasing hydrogen gas, which may form an explosive mixture with air. Contact with strong acids or Lewis bases gives exothermic reaction.</i>
Conditions to avoid	<i>Avoid contact with strong acids and superbases. Protect from heat, sunlight and frost.</i>
Incompatible materials	<i>Avoid contact with aluminium, zinc, tin, copper and alloys thereof.</i>
Hazardous decomposition products	<i>Ethanol in case of hydrolysis.</i>

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity	<i>Not classified</i>
Skin corrosion / irritation	<i>N/A</i>
Serious eye damage/irritation	<i>Causes serious eye irritation.</i>
Respiratory or skin sensitisation	<i>Not sensitising.</i>
Germ cell mutagenicity	<i>There is no evidence of genotoxicity. Negative in vitro and in vivo.</i>
Carcinogenicity	<i>There are no structural disorders.</i>
Reproductive toxicity	<i>NOAEL (rat) > 1000 mg/kg bw/day.</i>
Specific target organ toxicity (STOT) - single exposure	<i>N/A</i>
Specific target organ toxicity (STOT) - repeated exposure	<i>N/A</i>
Aspiration hazard	<i>Not classified.</i>

12. ECOLOGICAL INFORMATION

Ecotoxicity

- *Acute toxicity to fish (Brachydanio rerio): LC50 (96 hours): 85 mg/l.*
- *Acute toxicity to invertebrates (Daphnia magna): EC50 (48 hours): 49,1 mg/l.*
- *Algae/cyanobacteria (Scenedesmus subspicatus): EC50 (72 h, growth rate): > 36 mg/l.*

Persistence and degradability

The product is easily biodegradable.

Bioaccumulation

Inorganic. This product is considered to be non-bioaccumulative.

Results of PBT and vPvB assessment

N/A

Other adverse effects

No classification is necessary based on present knowledge.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods *Dispose of in accordance with national or local regulations. It is recommended to neutralize the material before disposal. Dispose of contaminated packaging in accordance with national or local regulations. It is recommended to clean the packaging with water before disposal.*

EWC code: 06 02 99.

14. TRANSPORT INFORMATION

IMDG: N/A

UN No.: N/A

ICAO/IATA: N/A

Tremcard No.: N/A

GGVE/GGVS: N/A

RID/ADR: N/A

AD No.: N/A

D.O.T.: N/A

Other information There are no known restrictions. There are no legal requirements for the transport of this product.

15. REGULATORY INFORMATION

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

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).

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

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 (CLP).

Estonian Chemicals Act (RT I 1998, 47, 697).

Regulation no. 105 of 17 January 2020 of the Government of the Republic of Estonia "Ohtlike kemikaalide ja neid sisaldavate materjalide kasutamise töötervishoiu ja tööohutuse nõuded ning töökeskkonna keemiliste ohutegurite piirnormid"(Occupational health and safety requirements for the use of hazardous chemicals and materials containing them and limit values for chemical hazards in the work environment).

Regulation No. 106 of 6 December 2000 of the Minister of Transport and Communications of Republic of Estonia „Nõuded kemikaali hoiukohale, peale-, maha- ja ümberlaadimiskohale ning teistele kemikaali käitlemiseks vajalikele ehitistele sadamas, autoterminalis, raudteejaamas ja lennujaamas ning erinõuded

ammooniumnitraadi käitlemisele” (Requirements for Storage Facilities for and Places of Loading, Unloading and Transhipment of Chemicals, and for Other Structures Necessary for Handling of Chemicals in Ports, Road Transport Terminals, Railway Stations and Airports and special requirements for ammonium nitrate handling,

Complete texts of hazard categories and phrases:

Skin Irrit. 3, H315 - Skin Irritation Category 3, H315 Causes skin irritation.

Eye Dam. 2A, H318 - Serious Eye Damage Category 2A, H318 Causes serious eye damage.

Other information: *This safety data sheet summarizes the best knowledge we have at the time of issuing this safety data sheet about the health and safety risks of the product, and in particular about the safe handling and use of the product in the workplace. As SL Protection OÜ cannot foresee or control the conditions under which the product is used, each user must use the safety data sheet before using the product to find out how the product must be handled and used at the workplace.*

If the user needs clarification or additional information about the product, he should contact our company. Our responsibility for the product being sold is set out in standard terms, a copy of which has been sent to our customers and is also available on request.

Contact person / technical support contact:

SL Protection OÜ

Phone: (+372) 55666174

E-mail: info@slprotection.eu

Limitation of liability

For general safety and handling information, please contact SL Protection OÜ. This information is based on our experiences and best knowledge. There is no guarantee for any recommendations or advice. We are not responsible for the completeness or accuracy of this information.