



# FARECLA G3 PRO SCRATCH REMOVER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 10/2/2024 Revision date: 10/2/2024 Supersedes version of: 10/2/2024 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : FARECLA G3 PRO SCRATCH REMOVER  
Product code : 7262, 7263  
Type of product : Polishes and wax blends

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

##### Relevant identified uses

Intended for general public  
Main use category : Consumer use  
Use of the substance/mixture : Cleaning/washing agents and additives

##### Uses advised against

Restrictions on use : This material should not be used for any other purpose than the identified uses without expert advice. Improper use may cause potential health, safety and environmental risks.

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

##### Manufacturer

Farecla Products Limited  
Broadmeads  
Ware, SG12 9HS, Hertfordshire  
UK

##### Only Representative

Saint-Gobain Coating Solutions  
50 rue du Mourelet  
Z.I. Courtine Mourre Frais  
FR 84093 Avignon  
France

#### 1.4. Emergency telephone number

Emergency number : +44 (0)19 2046 5041  
(8:30-16:30 Monday to Friday)

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital Msida MSD 2090 Msida	112 +356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Not classified

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### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

## 2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.  
EUH-statements : EUH210 - Safety data sheet available on request.  
EUH208 - Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

### Nordic countries regulation

#### Denmark

MAL code : 00-1 (Executive Order No. 301 from 1993)

## 2.3. Other hazards

Other hazards which do not result in classification : If in eyes: this material may cause mechanical irritation.

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 and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (2634-33-5) <sup>(1)</sup> , Aluminium Oxide (1344-28-1), Glycerol (56-81-5), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) <sup>(1)</sup> , Sodium Nitrate (7631-99-4) <sup>(1)</sup> , Triethanolamine (102-71-6)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (2634-33-5) <sup>(1)</sup> , Aluminium Oxide (1344-28-1), Glycerol (56-81-5), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) <sup>(1)</sup> , Sodium Nitrate (7631-99-4) <sup>(1)</sup> , Triethanolamine (102-71-6)

<sup>(1)</sup> Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aluminium Oxide substance with national workplace exposure limit(s) (AT, BE, DK, EE, ES, FR, GB, GR, HR, HU, IE, LT, LV, PL, PT, RO, SE, SK, NO, CH)	CAS-No.: 1344-28-1 EC-No.: 215-691-6 REACH-no: 01-2119529248-35	10 - 30	Not classified
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 1174522-19-0 EC-No.: 919-029-3 REACH-no: 01-2119457735-29	10 - 30	Asp. Tox. 1, H304
White mineral oil (petroleum) substance with national workplace exposure limit(s) (DE, CH)	CAS-No.: 8042-47-5 EC-No.: 232-455-8 REACH-no: 01-2119487078-27	1 - 10	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glycerol substance with national workplace exposure limit(s) (BE, CZ, DE, ES, FI, FR, GB, GR, PL, CH)	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	1 - 10	Not classified
Triethanolamine	CAS-No.: 102-71-6 EC-No.: 203-049-8 REACH-no: 01-2119486482-31	< 0.5	Not classified
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	< 0.05	Acute Tox. 4 (Oral), H302 (ATE=490 mg/kg bodyweight) Acute Tox. 2 (Inhalation:dust,mist), H330 (ATE=0.05 mg/l/4h) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	< 0.005	Skin Corr. 1A, H314 Eye Dam. 1, H318
Sodium Nitrate	CAS-No.: 7631-99-4 EC-No.: 231-554-3 REACH-no: 01-2119488221-41	< 0.003	Ox. Sol. 3, H272 Eye Irrit. 2, H319
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No.: 55965-84-9 EC-No.: 911-418-6 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-48	< 0.0015	Acute Tox. 3 (Oral), H301 (ATE=66 mg/kg bodyweight) Acute Tox. 2 (Dermal), H310 (ATE=50 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.05 mg/l/4h) Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)

### Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	(0.036 ≤ C ≤ 100) Skin Sens. 1A; H317
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	(0.5 ≤ C < 2) Skin Irrit. 2; H315 (0.5 ≤ C < 2) Eye Irrit. 2; H319 (2 ≤ C < 5) Skin Corr. 1B; H314 (5 ≤ C ≤ 100) Skin Corr. 1A; H314

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Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS-No.: 55965-84-9 EC-No.: 911-418-6 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-48	(0.0015 ≤ C ≤ 100) Skin Sens. 1A; H317 (0.06 ≤ C < 0.6) Skin Irrit. 2; H315 (0.06 ≤ C < 0.6) Eye Irrit. 2; H319 (0.6 ≤ C ≤ 100) Skin Corr. 1C; H314 (0.6 ≤ C ≤ 100) Eye Dam. 1; H318

Comments : Contains amongst other ingredients:  
15-30% aluminium oxide; 15-30% aliphatic hydrocarbons; <5% nonionic surfactants, polycarboxylates, chloromethylisothiazolinone, methylisothiazolinone, benzisothiazolinone. For more ingredient information visit [www.farecla.com](http://www.farecla.com).

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 : Call a poison center or a doctor if you feel unwell.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.  
First-aid measures after skin contact : Take off contaminated clothing. Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.  
Symptoms/effects after skin contact : Contact during a long period may cause light irritation. Itching.  
Symptoms/effects after eye contact : May cause eye irritation. redness, itching, tears.  
Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting. May cause irritation to the digestive tract.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : None known.

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

Fire hazard : Not flammable. No fire hazard.  
Explosion hazard : No direct explosion hazard.  
Reactivity in case of fire : Fire could produce a combination of irritating and toxic gases.  
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Unidentified organic compounds may be formed in fumes and smoke during combustion.

### 5.3. Advice for firefighters

Precautionary measures fire : Eliminate all ignition sources if safe to do so. Evacuate area. Fight fire remotely due to the risk of explosion. Keep container closed when not in use. Keep cool. Protect from sunlight. Stop leak if safe to do so.

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Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Eliminate all ignition sources if safe to do so. Evacuate area. Exercise caution when fighting any chemical fire. Get the package away from the fire if this can be done without risk. In case of fire: stop leak if safe to do so.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: High temperature decomposition products are harmful by inhalation.

## SECTION 6: Accidental release measures

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

General measures	: Stop leak if safe to do so. Evacuate area. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
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#### For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid breathing dust, mist, vapours. Avoid contact with skin and eyes. Evacuate area. Keep upwind.

#### For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Evacuate unnecessary personnel. Stop leak if safe to do so. Cover spill with non combustible material, e.g.: sand/earth. Ventilate spillage area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up	: Take up liquid spill into absorbent material. Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal. Clean contaminated surfaces with an excess of water.
Other information	: Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust, mist, vapours.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Keep in a cool, well-ventilated place away from heat.
Storage conditions	: Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed. Keep at temperatures above freezing. Allowing freezing conditions may degrade product.
Incompatible products	: Oxidizing agent. Strong acids. Strong bases.
Incompatible materials	: Direct sunlight.
Heat and ignition sources	: Store away from direct sunlight or other heat sources.
Information on mixed storage	: Store away from foodstuffs.
Storage area	: Store away from heat. Store in a well-ventilated place.
Special rules on packaging	: Keep only in original container. Store in a closed container.

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Packaging materials : Store always product in container of same material as original container.

### Switzerland

Storage class (LK) : LK 10/12 - Liquids

### 7.3. Specific end use(s)

Refer to Section 1.2 - Relevant identified uses.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

#### Aluminium Oxide (1344-28-1)

##### Austria - Occupational Exposure Limits

MAK (OEL TWA) 5 mg/m<sup>3</sup> (respirable fraction, smoke)

MAK (OEL STEL) 10 mg/m<sup>3</sup> (respirable fraction, smoke)

##### Belgium - Occupational Exposure Limits

Local name Aluminium (métal et composés insolubles, fraction alvéolaire) # Aluminium (metaal en onoplosbare verbindingen, inadembare fractie)

OEL TWA 1 mg/m<sup>3</sup>

Regulatory reference Koninklijk besluit/Arrêté royal 16/11/2023

##### Croatia - Occupational Exposure Limits

GVI (OEL TWA) 10 mg/m<sup>3</sup> (total dust, inhalable particles)  
4 mg/m<sup>3</sup> (respirable dust)

##### Denmark - Occupational Exposure Limits

OEL TWA 5 mg/m<sup>3</sup> (total)  
2 mg/m<sup>3</sup> (respirable)

##### Estonia - Occupational Exposure Limits

OEL TWA 10 mg/m<sup>3</sup> (total dust)  
4 mg/m<sup>3</sup> (respirable dust)

##### France - Occupational Exposure Limits

Local name Aluminium (Trioxyde de di-)

VME (OEL TWA) 10 mg/m<sup>3</sup>

Remark Valeurs recommandées/admises

Regulatory reference Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)

##### Greece - Occupational Exposure Limits

Local name Αλουμίνα, α-

OEL TWA 10 mg/m<sup>3</sup> αναπν.  
5 mg/m<sup>3</sup> εισπν.

Regulatory reference Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους

##### Hungary - Occupational Exposure Limits

AK (OEL TWA) 6 mg/m<sup>3</sup> (respirable dust)

##### Ireland - Occupational Exposure Limits

Local name Aluminium oxides

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Aluminium Oxide (1344-28-1)	
OEL TWA	10 mg/m <sup>3</sup> total inhalable dust 4 mg/m <sup>3</sup> respirable dust
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
Latvia - Occupational Exposure Limits	
OEL TWA	6 mg/m <sup>3</sup> (disintegration aerosol)
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	5 mg/m <sup>3</sup> (inhalable fraction) 2 mg/m <sup>3</sup> (respirable fraction)
Poland - Occupational Exposure Limits	
Local name	Tritlenek glinu
NDS (OEL TWA)	2.5 mg/m <sup>3</sup> w przeliczeniu na Al: frakcja wdychalna 1.2 mg/m <sup>3</sup> w przeliczeniu na Al: frakcja respirabilna
Remark	Frakcja wdychalna – frakcja aerozolu wnikaćca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia. Frakcja respirabilna – frakcja aerozolu wnikaćca do dróg oddechowych, która stwarza zagrożenie dla zdrowia po zdeponowaniu w obszarze wymiany gazowej.
Regulatory reference	Dz. U. 2018 poz. 1286 wraz z późn. zm.
Portugal - Occupational Exposure Limits	
OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen
Romania - Occupational Exposure Limits	
OEL TWA	2 mg/m <sup>3</sup> (aerosols) 3 mg/m <sup>3</sup> (dust (Aluminium and Aluminium oxides)) 1 mg/m <sup>3</sup> (fume (Aluminium and Aluminium oxides))
OEL STEL	5 mg/m <sup>3</sup> (aerosols) 10 mg/m <sup>3</sup> (dust (Aluminium and Aluminium oxides)) 3 mg/m <sup>3</sup> (fume (Aluminium and Aluminium oxides))
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA)	4 mg/m <sup>3</sup> (inhalable dust)
Spain - Occupational Exposure Limits	
Local name	Óxido de aluminio (Corindón)
VLA-ED (OEL TWA)	10 mg/m <sup>3</sup>
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	5 mg/m <sup>3</sup> (total dust) 2 mg/m <sup>3</sup> (respirable fraction)
United Kingdom - Occupational Exposure Limits	
Local name	Aluminium oxides
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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Aluminium Oxide (1344-28-1)	
<b>Norway - Occupational Exposure Limits</b>	
Local name	Aluminiumoksid
Grenseverdi (OEL TWA)	10 mg/m <sup>3</sup>
Korttidsverdi (OEL STEL)	15 mg/m <sup>3</sup> (equal to the limit value for Nuisance dust)
Remark	1) Grenseverdien er fastsatt lik verdien for sjenerende støv.
Regulatory reference	FOR-2023-12-18-2278
<b>Switzerland - Occupational Exposure Limits</b>	
Local name	Aluminium, fumée d'oxyde / Aluminiumoxid-Rauch
MAK (OEL TWA)	3 mg/m <sup>3</sup> (a) / (a)
KZGW (OEL STEL)	24 mg/m <sup>3</sup> (respirable dust, smoke)
Remark	NIOSH
Regulatory reference	www.suva.ch, 01.01.2024
<b>Switzerland - BAT</b>	
Local name	Aluminium oxyde / Aluminiumoxid
BAT	50 µg/g creatinine (0.21 µmol/mmol cr.; Paramètre biologique: Aluminium; Substrat d'examen: Urine; Moment du prélèvement: Exposition de longue durée: après plusieurs périodes de travail.) / (0.21 µmol/mmol cr.; Biologischer Parameter: Aluminium; Untersuchungsmaterial: Urin; Probennahmezeitpunkt: Bei Langzeitexposition: nach mehreren vorangegangenen Schichten.)
Regulatory reference	Ordonnance 832.30 (OPA), article 50 al. 3, www.suva.ch/valeurs-limites / Verordnung 832.30 (VUV), Art. 50 Abs. 3, www.suva.ch/grenzwerte
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	1 mg/m <sup>3</sup>
<b>Glycerol (56-81-5)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
Local name	Glycérine (brouillard) # Glycerine (nevel)
OEL TWA	10 mg/m <sup>3</sup>
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
<b>Czech Republic - Occupational Exposure Limits</b>	
Local name	Glycerol, mlha
PEL (OEL TWA)	10 mg/m <sup>3</sup> 2.6 ppm
NPK-P (OEL C)	15 mg/m <sup>3</sup> 3.9 ppm
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 330/2023 Sb.)
<b>Finland - Occupational Exposure Limits</b>	
Local name	Glyseroli
HTP (OEL TWA)	20 mg/m <sup>3</sup>
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden tutkimuskeskus)

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Glycerol (56-81-5)	
<b>France - Occupational Exposure Limits</b>	
Local name	Glycérine (aérosols de)
VME (OEL TWA)	10 mg/m <sup>3</sup>
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Local name	Glycerin
AGW (OEL TWA)	200 mg/m <sup>3</sup> (E)
Peak exposure limitation factor	2(I)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
<b>Greece - Occupational Exposure Limits</b>	
Local name	Γλυκερίνη
OEL TWA	10 mg/m <sup>3</sup>
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Poland - Occupational Exposure Limits</b>	
Local name	Glicerol
NDS (OEL TWA)	10 mg/m <sup>3</sup> frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikażąca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.
Regulatory reference	Dz. U. 2018 poz. 1286 wraz z późn. zm.
<b>Spain - Occupational Exposure Limits</b>	
Local name	Glicerina
VLA-ED (OEL TWA)	10 mg/m <sup>3</sup> nieblas
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Glycerol
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Switzerland - Occupational Exposure Limits</b>	
Local name	Glycérine / Glycerin
MAK (OEL TWA)	50 mg/m <sup>3</sup> (i) / (e)
KZGW (OEL STEL)	100 mg/m <sup>3</sup> (i) / (e)
Notation	SS <sub>C</sub> / SS <sub>C</sub>
Regulatory reference	www.suva.ch, 01.01.2024

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Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	0.05 mg/m <sup>3</sup> (5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-dihydroisothiazol-3-one mixture in ratio 3:1)
OEL chemical category	Skin sensitizer
<b>Switzerland - Occupational Exposure Limits</b>	
Local name	2,3-Dihydro-isothiazol-3-one de 5-chloro-2-méthyle et 2,3-dihydro-isothiazol-3-one de 2-méthyle [2,3-Dihydro-isothiazol-3-one de 5-chloro-2-méthyle, 2,3-Dihydro-isothiazol-3-one de 2-méthyle] / 5-Chlor-2-methyl-2,3-dihydro-isothiazol-3-on und 2-Methyl-2,3-dihydroisothiazol-3-on [2-Methyl-2,3-dihydroisothiazol-3-on, 5-Chlor-2-methyl-2,3-dihydroisothiazol-3-on]
MAK (OEL TWA)	0.2 mg/m <sup>3</sup> (i) / (e)
KZGW (OEL STEL)	0.4 mg/m <sup>3</sup> (i) / (e)
Notation	S, SS <sub>C</sub> / S, SS <sub>C</sub>
Regulatory reference	www.suva.ch, 01.01.2024
<b>Sodium Nitrate (7631-99-4)</b>	
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	6 mg/m <sup>3</sup> (dust)
<b>White mineral oil (petroleum) (8042-47-5)</b>	
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Local name	Weißes Mineralöl (Erdöl)
AGW (OEL TWA)	5 mg/m <sup>3</sup> (A)
Peak exposure limitation factor	4(II)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
<b>Switzerland - Occupational Exposure Limits</b>	
Local name	Huile de paraffine / Weissöl, pharmazeutisch
MAK (OEL TWA)	5 mg/m <sup>3</sup> (i) / (e)
Notation	SS <sub>C</sub> / SS <sub>C</sub>
Remark	NIOSH, DFG
Regulatory reference	www.suva.ch, 01.01.2024
<b>Sodium hydroxide (1310-73-2)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	2 mg/m <sup>3</sup> (inhalable fraction)
MAK (OEL STEL)	4 mg/m <sup>3</sup> (inhalable fraction)
<b>Belgium - Occupational Exposure Limits</b>	
Local name	Sodium (hydroxyde de) # Natriumhydroxide
OEL TWA	2 mg/m <sup>3</sup>

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Sodium hydroxide (1310-73-2)	
Remark	M: la mention "M" indique que lors d'une exposition supérieure à la valeur limite, des irritations apparaissent ou un danger d'intoxication aiguë existe. Le procédé de travail doit être conçu de telle façon que l'exposition ne dépasse jamais la valeur limite. Lors des mesurages, la période d'échantillonnage doit être aussi courte que possible afin de pouvoir effectuer des mesurages fiables. Le résultat des mesurages est calculé en fonction de la période d'échantillonnage. # M: de vermelding "M" duidt aan dat bij de blootstelling boven de grenswaarde irritatie optreedt of er gevaar bestaat voor acute vergiftiging. Het werkproces moet zo zijn ontworpen dat de blootstelling de grenswaarde nooit overschrijdt. Bij een controle geldt dat de bemonsterde periode zo kort mogelijk moet zijn om een betrouwbare meting te kunnen verrichten. Het meetresultaat wordt dan gerelateerd aan de beschouwde periode.
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
Bulgaria - Occupational Exposure Limits	
Local name	Натриева основа
OEL TWA	2 mg/m <sup>3</sup> (алкални аерозоли)
Remark	• (Химични агенти, за които са определени гранични стойности във въздуха на работната среда за Европейската общност)
Regulatory reference	Наредба № 13 от 30.12.2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа (изм. и доп. ДВ. бр. 28 от 2024 г., в сила от 05.04.2024 г.)
Croatia - Occupational Exposure Limits	
KGVI (OEL STEL)	2 mg/m <sup>3</sup>
Czech Republic - Occupational Exposure Limits	
Local name	Hydroxid sodný
PEL (OEL TWA)	1 mg/m <sup>3</sup>
NPK-P (OEL C)	2 mg/m <sup>3</sup>
Remark	I - dráždí sliznice (oči, dýchací cesty) resp. kůži.
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 330/2023 Sb.)
Denmark - Occupational Exposure Limits	
OEL C	2 mg/m <sup>3</sup>
Estonia - Occupational Exposure Limits	
OEL TWA	1 mg/m <sup>3</sup>
OEL STEL	2 mg/m <sup>3</sup>
Finland - Occupational Exposure Limits	
Local name	Natriumhydroksidi
HTP (OEL C)	2 mg/m <sup>3</sup>
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö)
France - Occupational Exposure Limits	
Local name	Sodium (hydroxyde de) (Hydroxyde de sodium)
VME (OEL TWA)	2 mg/m <sup>3</sup>
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)

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Sodium hydroxide (1310-73-2)	
<b>Greece - Occupational Exposure Limits</b>	
Local name	Υδροξείδιο του νατρίου
OEL TWA	2 mg/m <sup>3</sup>
OEL STEL	2 mg/m <sup>3</sup>
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	2 mg/m <sup>3</sup>
CK (OEL STEL)	2 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
Local name	Sodium hydroxide
OEL STEL	2 mg/m <sup>3</sup>
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	0.5 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
NRV (OEL C)	2 mg/m <sup>3</sup>
<b>Poland - Occupational Exposure Limits</b>	
Local name	Wodorotlenek sodu
NDS (OEL TWA)	0.5 mg/m <sup>3</sup>
NDSCh (OEL STEL)	1 mg/m <sup>3</sup>
Regulatory reference	Dz. U. 2018 poz. 1286 wraz z późn. zm.
<b>Portugal - Occupational Exposure Limits</b>	
OEL C	2 mg/m <sup>3</sup>
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA)	2 mg/m <sup>3</sup>
<b>Spain - Occupational Exposure Limits</b>	
Local name	Hidróxido de sodio
VLA-EC (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT
<b>Sweden - Occupational Exposure Limits</b>	
Local name	Natriumhydroxid
NGV (OEL TWA)	1 mg/m <sup>3</sup> inhalerbar fraktion
KGV (OEL STEL)	2 mg/m <sup>3</sup> inhalerbar fraktion
Remark	3 (Med inhalerbar fraktion menas den mängd partiklar, av totalmängden partiklar i luften, som man inandas genom näsa och mun)
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Sodium hydroxide

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Sodium hydroxide (1310-73-2)	
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Norway - Occupational Exposure Limits	
Local name	Natriumhydroksid
Takverdi (OEL C)	2 mg/m <sup>3</sup>
Regulatory reference	FOR-2023-12-18-2278
Switzerland - Occupational Exposure Limits	
Local name	Soude caustique / Natriumhydroxid [Aetznatron]
MAK (OEL TWA)	2 mg/m <sup>3</sup> (i) / (e)
KZGW (OEL STEL)	2 mg/m <sup>3</sup> (i) / (e)
Notation	SS <sub>C</sub> / SS <sub>C</sub>
Remark	NIOSH, OSHA
Regulatory reference	www.suva.ch, 01.01.2024
USA - ACGIH - Occupational Exposure Limits	
Local name	Sodium hydroxide
ACGIH OEL C	2 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2024
Triethanolamine (102-71-6)	
Belgium - Occupational Exposure Limits	
Local name	Triéthanolamine # Tri-ethanolamine
OEL TWA	5 mg/m <sup>3</sup>
Regulatory reference	Koninklijk besluit/Arrêté royal 16/11/2023
Czech Republic - Occupational Exposure Limits	
Local name	Triethanolamin
PEL (OEL TWA)	5 mg/m <sup>3</sup> 0.81 ppm
NPK-P (OEL C)	10 mg/m <sup>3</sup> 1.61 ppm
Remark	D - při expozici se významně uplatňuje pronikání faktoru kůží, I - dráždí sliznice (oči, dýchací cesty) resp. kůži.
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 330/2023 Sb.)
Finland - Occupational Exposure Limits	
Local name	Trietanoliamiini
HTP (OEL TWA)	5 mg/m <sup>3</sup>
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö)
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	2,2',2''-Nitritriethanol
AGW (OEL TWA)	1 mg/m <sup>3</sup> (E)

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Triethanolamine (102-71-6)	
Peak exposure limitation factor	1(l)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
Ireland - Occupational Exposure Limits	
Local name	Triethanolamine
OEL TWA	5 mg/m <sup>3</sup>
Remark	Advisory OELV (Advisory Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2024
Spain - Occupational Exposure Limits	
Local name	Trietanolamina
VLA-ED (OEL TWA)	5 mg/m <sup>3</sup>
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2024. INSHT
Sweden - Occupational Exposure Limits	
Local name	Trietanolamin
NGV (OEL TWA)	5 mg/m <sup>3</sup> 0.8 ppm
KGV (OEL STEL)	10 mg/m <sup>3</sup> 1.6 ppm
Remark	H (Ämnet kan lätt upptas genom huden. Det föreskrivna gränsvärdet bedöms ge tillräckligt skydd endast under förutsättning att huden är skyddad mot exponering för ämnet ifråga); V (Vägledande korttidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
Regulatory reference	Hygieniska gränsvärden (AFS 2018:1)
Norway - Occupational Exposure Limits	
Local name	Trietanolamin
Grenseverdi (OEL TWA)	5 mg/m <sup>3</sup>
Regulatory reference	FOR-2023-12-18-2278
Switzerland - Occupational Exposure Limits	
Local name	Triéthanolamine / Triethanolamin
MAK (OEL TWA)	5 mg/m <sup>3</sup> (i) / (e)
KZGW (OEL STEL)	5 mg/m <sup>3</sup> (i) / (e)
Notation	SS <sub>c</sub> / SS <sub>c</sub>
Remark	NIOSH
Regulatory reference	www.suva.ch, 01.01.2024
USA - ACGIH - Occupational Exposure Limits	
Local name	Triethanolamine
ACGIH OEL TWA	5 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: Eye & skin irr

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### Triethanolamine (102-71-6)

Regulatory reference	ACGIH 2024
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## 8.2. Exposure controls

### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

### Personal protection equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

### Eye and face protection

#### Eye protection:

Safety glasses

### Eye protection

Type	Field of application	Characteristics	Standard
Safety glasses	Droplet	Clear	EN 166

### Skin protection

#### Skin and body protection:

Use protective clothing

#### Hand protection:

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl alcohol ("PVA"). Polyvinyl chloride ("PVC" or "vinyl"). Gloves with penetration time of greater than 120 minutes (EN 374 Part 3: Level 4 or higher).

### Respiratory protection

#### Respiratory protection:

Make your own risk assessment and exposure measurements at your work environment. If there is no adequate ventilation or the exposure level exceeds the limit, or if there is any doubt, wear a recommended type of mask or respirator. No personal respiratory protective equipment normally required. In inadequately ventilated areas, where workplace limits are exceeded, where unpleasant odours exist or where aerosols are in use, or smoke and mist occur, use self-contained breathing apparatus or breathing apparatus with a type A filter or appropriate combined filter (e.g. where aerosols are in use, or smoke and mist occur, A-P2 or ABEK-P2), in compliance with EN 141.

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Consumer exposure controls:

Hygiene measures. Personal protective equipment.

#### Other information:

Do not eat, drink or smoke when using this product. Provide readily accessible eye wash stations and safety showers.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: White.
Odour	: Odourless.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: ≈ 0 °C

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Boiling point	: > 100 °C
Flammability	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: > 93 °C Non-equilibrium method - Pensky-Martens apparatus
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 7 – 8
Viscosity, kinematic	: Not available
Viscosity, dynamic	: 22000 – 30000 cP Brookfield Viscosity
Solubility	: Dispersible in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.04
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### Other safety characteristics

VOC content : 0 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral rat	490 mg/kg bodyweight
LD50 oral	670 mg/kg

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<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	4115 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	100 mg/l
<b>Aluminium Oxide (1344-28-1)</b>	
LD50 oral rat	> 15900 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.3 mg/l air
LC50 Inhalation - Rat (Dust/Mist)	> 2.3 mg/l Source: ECHA
<b>Glycerol (56-81-5)</b>	
LD50 oral rat	27200 mg/kg bodyweight Animal: rat, Animal sex: female
LC50 Inhalation - Rat	5.85 mg/l air Animal: rat
<b>Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b>	
LD50 oral rat	66 mg/kg bodyweight
LD50 dermal rat	> 1008 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	0.17 mg/l air
<b>Sodium Nitrate (7631-99-4)</b>	
LD50 oral rat	≈ 3430 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	3700 mg/kg
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
<b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (1174522-19-0)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5.266 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
<b>White mineral oil (petroleum) (8042-47-5)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
<b>Sodium hydroxide (1310-73-2)</b>	
LD50 dermal rabbit	325 mg/kg Source: ECHA
<b>Triethanolamine (102-71-6)</b>	
LD50 oral rat	6400 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight
Skin corrosion/irritation	: Not classified pH: 7 – 8

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<b>Aluminium Oxide (1344-28-1)</b>	
pH	9 – 10.5
<b>Glycerol (56-81-5)</b>	
pH	5.5 – 8
<b>Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b>	
pH	3.43 Temp.: 20 °C Concentration: 10 g/L
<b>Sodium Nitrate (7631-99-4)</b>	
pH	7 Temp.: 25 °C
<b>Sodium hydroxide (1310-73-2)</b>	
pH	12 – 14
<b>Triethanolamine (102-71-6)</b>	
pH	11
Serious eye damage/irritation	: Not classified pH: 7 – 8
<b>Aluminium Oxide (1344-28-1)</b>	
pH	9 – 10.5
<b>Glycerol (56-81-5)</b>	
pH	5.5 – 8
<b>Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b>	
pH	3.43 Temp.: 20 °C Concentration: 10 g/L
<b>Sodium Nitrate (7631-99-4)</b>	
pH	7 Temp.: 25 °C
<b>Sodium hydroxide (1310-73-2)</b>	
pH	12 – 14
<b>Triethanolamine (102-71-6)</b>	
pH	11
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>Triethanolamine (102-71-6)</b>	
IARC group	3 - Not classifiable
<b>Triethanolamine (102-71-6)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	63 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 451 (Carcinogenicity Studies)
Reproductive toxicity	: Not classified
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
NOAEL (animal/female, F0/P)	112 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)

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<b>Aluminium Oxide (1344-28-1)</b>	
NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (1174522-19-0)</b>	
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 (One-Generation Reproduction Toxicity Study)
NOAEL (animal/female, F0/P)	≥ 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
NOAEL (animal/female, F1)	≥ 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
<b>Triethanolamine (102-71-6)</b>	
NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study), Guideline: other., Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
NOAEL (animal/female, F0/P)	300 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 416 (Two-Generation Reproduction Toxicity Study), Guideline: other., Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
<b>Aluminium Oxide (1344-28-1)</b>	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.015 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.07 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
<b>Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b>	
LOAEL (dermal, rat/rabbit, 90 days)	0.525 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days)
<b>Sodium Nitrate (7631-99-4)</b>	
NOAEL (oral, rat, 90 days)	≥ 1500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (1174522-19-0)</b>	
NOAEL (oral, rat, 90 days)	≥ 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	> 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEC (inhalation, rat, vapour, 90 days)	> 10.4 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
<b>White mineral oil (petroleum) (8042-47-5)</b>	
NOAEL (oral, rat, 90 days)	≥ 1200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
<b>Triethanolamine (102-71-6)</b>	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
Aspiration hazard	: Not classified

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### Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics (1174522-19-0)

Viscosity, kinematic 3.3 – 20 mm<sup>2</sup>/s (20°C)

### Sodium hydroxide (1310-73-2)

Viscosity, kinematic Not applicable

### Triethanolamine (102-71-6)

Viscosity, kinematic 830.2 mm<sup>2</sup>/s

## 11.2. Information on other hazards

### Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The substance/mixture has no endocrine disrupting properties.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Not classified

### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

LC50 - Fish [1]	≈ 16.7 mg/l Test organisms (species): <i>Cyprinodon variegatus</i>
LC50 - Fish [2]	2.15 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )
EC50 - Crustacea [1]	2.94 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 - Crustacea [2]	2.9 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 - Other aquatic organisms [1]	2.94 mg/l waterflea
EC50 - Other aquatic organisms [2]	0.11 mg/l
ErC50 algae	150 µg/l

### Aluminium Oxide (1344-28-1)

LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	1.05 mg/l Test organisms (species): <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i> )
EC50 72h - Algae [2]	0.2 mg/l Test organisms (species): <i>Raphidocelis subcapitata</i> (previous names: <i>Pseudokirchneriella subcapitata</i> , <i>Selenastrum capricornutum</i> )
EC50 96h - Algae [1]	> 0.024 mg/l Source: ECHA

### Glycerol (56-81-5)

LC50 - Fish [1]	54000 mg/l Test organisms (species): <i>Oncorhynchus mykiss</i> (previous name: <i>Salmo gairdneri</i> )
EC50 - Crustacea [1]	> 10000 mg/l

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### Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

LC50 - Fish [1]	0.19 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
LC50 - Fish [2]	0.28 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	0.16 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	0.0052 mg/l (Skeletonema costatum) (OECD 201)
EC50 72h - Algae [1]	0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
ErC50 algae	19.9 µg/l
NOEC (chronic)	0.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.098 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d'
NOEC chronic crustacea	0.004 mg/l 21 d (Daphnia) (OECD 211)
NOEC chronic algae	0.0012 mg/l 72 h (Pseudokirchneriella subcapitata) (OECD 201)

### Sodium Nitrate (7631-99-4)

LC50 - Fish [1]	1559 mg/l Test organisms (species): other:
LC50 - Fish [2]	1354 mg/l Test organisms (species): other:
EC50 - Crustacea [1]	8609 mg/l

### Sodium hydroxide (1310-73-2)

LC50 - Fish [1]	125 mg/l
EC50 - Crustacea [1]	40.4 mg/l Test organisms (species): Ceriodaphnia sp.

### Triethanolamine (102-71-6)

LC50 - Fish [1]	11800 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	609.88 mg/l Test organisms (species): Ceriodaphnia dubia
EC50 72h - Algae [1]	512 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	216 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
ErC50 algae	216 mg/l
NOEC chronic fish	> 1 mg/l Test organisms (species): other:

## 12.2. Persistence and degradability

### FARECLA G3 PRO SCRATCH REMOVER

Persistence and degradability	Readily biodegradable.
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### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

Persistence and degradability	.
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### Aluminium Oxide (1344-28-1)

Persistence and degradability	.
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### Glycerol (56-81-5)

Persistence and degradability	.
Biochemical oxygen demand (BOD)	0.87 g O <sub>2</sub> /g substance

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<b>Glycerol (56-81-5)</b>	
Chemical oxygen demand (COD)	1.16 g O <sub>2</sub> /g substance
ThOD	1.217 g O <sub>2</sub> /g substance
<b>Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b>	
Persistence and degradability	.
<b>Sodium Nitrate (7631-99-4)</b>	
Persistence and degradability	.
<b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (1174522-19-0)</b>	
Persistence and degradability	Not rapidly degradable
<b>White mineral oil (petroleum) (8042-47-5)</b>	
Persistence and degradability	Not rapidly degradable
<b>Sodium hydroxide (1310-73-2)</b>	
Persistence and degradability	Not rapidly degradable
<b>Triethanolamine (102-71-6)</b>	
Persistence and degradability	.
Biochemical oxygen demand (BOD)	0.02 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.5 g O <sub>2</sub> /g substance
ThOD	2.04 g O <sub>2</sub> /g substance
<b>12.3. Bioaccumulative potential</b>	
<b>FARECLA G3 PRO SCRATCH REMOVER</b>	
Bioaccumulative potential	No indication of bio-accumulation potential.
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
BCF - Fish [1]	6.6
Partition coefficient n-octanol/water (Log Pow)	-0.9 – 0.99
<b>Glycerol (56-81-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-1.75
<b>Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)</b>	
BCF - Fish [1]	41 – 54
Bioconcentration factor (BCF REACH)	3.6 (calculated) S 1177
Partition coefficient n-octanol/water (Log Pow)	-0.32 – 0.7
<b>Sodium Nitrate (7631-99-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	-3.8
<b>Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (1174522-19-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	> 4
<b>Sodium hydroxide (1310-73-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC

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### Triethanolamine (102-71-6)

BCF - Fish [1]	0.4 – 3.9 l/kg
Partition coefficient n-octanol/water (Log Pow)	-1.9

### 12.4. Mobility in soil

#### FARECLA G3 PRO SCRATCH REMOVER

Ecology - soil	Semi-solid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile.
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#### 1,2-benzisothiazol-3(2H)-one (2634-33-5)

Surface tension	72.6 mN/m
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97

#### Glycerol (56-81-5)

Surface tension	63.4 mN/m
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0

#### Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.81 – 1
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#### Triethanolamine (102-71-6)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1.06 – 1.27
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### 12.5. Results of PBT and vPvB assessment

#### FARECLA G3 PRO SCRATCH REMOVER

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

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (2634-33-5) <sup>(1)</sup> , Aluminium Oxide (1344-28-1), Glycerol (56-81-5), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) <sup>(1)</sup> , Sodium Nitrate (7631-99-4) <sup>(1)</sup> , Triethanolamine (102-71-6)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	1,2-benzisothiazol-3(2H)-one (2634-33-5) <sup>(1)</sup> , Aluminium Oxide (1344-28-1), Glycerol (56-81-5), Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (55965-84-9) <sup>(1)</sup> , Sodium Nitrate (7631-99-4) <sup>(1)</sup> , Triethanolamine (102-71-6)

<sup>(1)</sup> Substance(s) in concentration below 0.1 % and displayed on a voluntary basis

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

### 12.7. Other adverse effects

Other adverse effects : No additional information available.

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Additional information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Completely empty the packaging prior to decontamination. Clean using water and a detergent. Comply with applicable regulations for solid waste disposal.  
Additional information : Do not re-use empty containers. Consult an expert on waste disposal or treatment.  
Ecological waste information : Avoid release to the environment.  
European List of Waste (LoW, EC 2000/532) : 08 04 12 - adhesive and sealant sludges other than those mentioned in 08 04 11

#### Denmark

Hazardous Waste Group : H - Waste with low energy content

### SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated for transport				
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

#### 14.6. Special precautions for user

##### Overland transport

Not regulated

##### Transport by sea

Not regulated

##### Air transport

Not regulated

##### Inland waterway transport

Not regulated

##### Rail transport

Not regulated

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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### SECTION 15: Regulatory information

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

##### EU-Regulations

CESIO recommendations : The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

##### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone ; Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### VOC Directive (2004/42)

VOC content : 0 g/l

##### Explosives Precursors Regulation (2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

Name	CAS-No.	Combined Nomenclature code (CN)	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Sodium nitrate	7631-99-4	3102 50 00	ex 3824 99 96

##### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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### National regulations

#### France

Occupational diseases	
Code	Description
RG 49	Skin disorders caused by aliphatic, alicyclic amines or ethanolamines
RG 49 BIS	Respiratory disorders caused by aliphatic amines, ethanolamines or isophoronediamine
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

#### Germany

Employment restrictions	: Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
Water hazard class (WGK)	: WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV)	: Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

ABM category	: A(4) - low hazard for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen	: White mineral oil (petroleum) is listed
SZW-lijst van mutagene stoffen	: White mineral oil (petroleum) is listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed

#### Denmark

MAL code	: 00-1 (Executive Order No. 301 from 1993)
Classification remarks	: Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

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### Poland

#### Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

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
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level

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Abbreviations and acronyms:	
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class
BCF	Bioconcentration factor
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
IARC	International Agency for Research on Cancer
OECD	Organisation for Economic Co-operation and Development
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
N.O.S.	Not Otherwise Specified
ED	Endocrine disruptor

Full text of H- and EUH-statements:	
Acute Tox. 2 (Dermal)	Acute toxicity (dermal), Category 2
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
Acute Tox. 2 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 2
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains 1,2-benzisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
EUH210	Safety data sheet available on request.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.

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### Full text of H- and EUH-statements:

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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