

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 10/19/2021 Revision date: 6/1/2021 Supersedes version of: 10/13/2014 Version: 1.7

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

#### 1.1. Product identifier

Product form : Mixture

Trade name : FARECLA G3 EXTRA ABRASIVE COMPOUND

UFI : M200-N0VH-D00P-TJ9C

Danish product registration number : 4341292

Product code : G3E101, G3E112, G3E118, G3E501 EU

Type of product : Polishes and wax blends

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

#### 1.2.1. Relevant identified uses

Main use category : Professional use

Use of the substance/mixture : Abrasive polishing compound

1.2.2. 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 Only Representative

Farecla Products Limited Saint-Gobain Coating Solutions

Broadmeads 50 rue du Mourelet Z.I. Courtine Mourre Frais, B.P.

Ware, SG12 9HS – Hertfordshire FR– 90966 84093 Avignon – Cedex

UK France

 $T~+44~(0)\\19~20\\46~50\\41~(8:30-16:30~Monday~to~Friday)~-~F~+44~(0)\\19~20\\46~T~00\\33~(0)~4~90~85~85~00~-~F~00\\33~(0)~4~90~82~94~52$ 

557 <u>qualité-ehs.coating-solutions@saint-gobain.com</u>

technical@farecla.com - www.farecla.com

#### 1.4. Emergency telephone number

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

Country	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)	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD 2090 Msida	+356 2545 6508	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	

## **SECTION 2: Hazards identification**

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

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

Skin sensitisation, Category 1 H317
Specific target organ toxicity — Repeated exposure, Category 2 H373
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

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

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### Adverse physicochemical, human health and environmental effects

May cause damage to organs (nervous system) through prolonged or repeated exposure (inhalation). May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

Signal word (CLP)

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

Hazard pictograms (CLP)





: Warning

Contains : Pine oil, Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, 5-Chloro-

2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone, 1,2-

benzisothiazol-3(2H)-one

Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H373 - May cause damage to organs (nervous system) through prolonged or repeated

exposure (inhalation).

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P260 - Do not breathe dust, mist, vapours.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, eye protection, face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P314 - Get medical advice/attention if you feel unwell.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

Extra phrases : For professional users only.

#### Nordic countries regulation

Denmark

Danish product registration number : 4341292 MAL code : 00-3

#### 2.3. Other hazards

Other hazards which do not result in classification : None under normal conditions.

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

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 is 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

Component		
White mineral oil (petroleum)(8042-47-5)	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 is 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	
Pine oil(8000-41-7)	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 is 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	

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## 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]
Aluminium Oxide	CAS-No.: 1344-28-1 EC-No.: 215-691-6 REACH-no: 01-2119529248- 35	30 – 50	Not Classified
Kerosine (petroleum)	CAS-No.: 8008-20-6 EC-No.: 232-366-4 EC Index-No.: 649-404-00-4 REACH-no: 01-2119485517- 27	1 – 10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics	CAS-No.: 64742-82-1 EC-No.: 265-185-4;919-446-0 EC Index-No.: 649-330-00-2 REACH-no: 01-2119458049- 33	1 – 10	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
White mineral oil (petroleum)	CAS-No.: 8042-47-5 EC-No.: 232-455-8 REACH-no: 2119487078-27	1 – 10	Not Classified
Pine oil	CAS-No.: 8000-41-7 EC-No.: 232-268-1 REACH-no: 01-2119553062- 49	1 – 10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
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 Acute Tox. 2 (Inhalation), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Sodium Nitrate	CAS-No.: 7631-99-4 EC-No.: 231-554-3 REACH-no: 01-2119488221- 41	< 0.003	Ox. Sol. 2, H272 Eye Irrit. 2, H319
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	CAS-No.: 55965-84-9 EC-No.: 611-341-5;911-418-6 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691- 48	<0.0015	Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
White mineral oil (petroleum)	CAS-No.: 8042-47-5 EC-No.: 232-455-8 REACH-no: 2119487078-27	( 0 ≤C < 100) Asp. Tox. 1, H304
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-	( 0.05 ≤C ≤ 100) Skin Sens. 1, H317
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	CAS-No.: 55965-84-9 EC-No.: 611-341-5;911-418-6 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-	( 0.0015 ≤C < 100) Skin Sens. 1A, H317 ( 0.06 ≤C < 0.6) Eye Irrit. 2, H319 ( 0.06 ≤C < 0.6) Skin Irrit. 2, H315 ( 0.6 ≤C < 100) Skin Corr. 1C, H314 ( 0.6 ≤C < 100) Eye Dam. 1, H318

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 : Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash

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 : Call a poison center or a doctor if you feel unwell. Rinse mouth out with water. Do not

induce vomiting. Never give anything by mouth to an unconscious person.

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

Symptoms/effects after inhalation : Inhalation may cause irritation (cough, short breathing, difficulty in breathing). Danger of

serious damage to health by prolonged exposure through inhalation.

Symptoms/effects after skin contact : May cause an allergic skin reaction. irritation (itching, redness, blistering).

Symptoms/effects after eye contact : May cause eye irritation. redness, itching, tears.

Symptoms/effects after ingestion : May cause irritation to the digestive tract. Ingestion may cause nausea and vomiting.

## 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 : Unidentified organic compounds may be formed in fumes and smoke during combustion.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

6/1/2021 (Revision date) EN (English) 4/19

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### **SECTION 6: Accidental release measures**

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

General measures : Avoid contact with skin and eyes. Stop leak if safe to do so. Clean up any spills as soon as

possible, using an absorbent material to collect it.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Do not breathe dust, mist, vapours. Avoid contact with skin and

eyes.

6.1.2. 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".

#### 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

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

Precautions for safe handling : Ensure good ventilation of the work station. Do not breathe dust, mist, vapours. Avoid

contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash

contaminated clothing before reuse. 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

Storage conditions : Store in a well-ventilated place. Keep cool.

Incompatible products : Strong acids. Oxidizing agent.

Incompatible materials : Oxidizers (strong).

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.

#### 7.3. Specific end use(s)

Refer to Section 1.2 - Relevant identified uses.

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

Aluminium Oxide (1344-28-1)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	5 mg/m³ (respirable fraction, smoke)
MAK (OEL STEL)	10 mg/m³ (respirable fraction, smoke)

6/1/2021 (Revision date) EN (English) 5/19

## Safety Data Sheet

Aluminium Oxide (1344-28-1)		
Belgium - Occupational Exposure Limits		
Local name	Aluminium (métal et composés insolubles, fraction alvéolaire) # Aluminium (metaal en onoplosbare verbindingen, inadembare fractie)	
OEL TWA	1 mg/m³	
Regulatory reference	Koninklijk besluit/Arrêté royal 19/11/2020	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA) [1]	10 mg/m³ (total dust, inhalable particles) 4 mg/m³ (respirable dust)	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	5 mg/m³ (total) 2 mg/m³ (respirable)	
Estonia - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (total dust) 4 mg/m³ (respirable dust)	
France - Occupational Exposure Limits		
Local name	Aluminium (Trioxyde de di-)	
VME (OEL TWA)	10 mg/m³	
Remark	Valeurs recommandées/admises	
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)	
Greece - Occupational Exposure Limits		
Local name	Αλουμίνα, α-	
OEL TWA	10 mg/m³ (inhalable fraction) 5 mg/m³ (respirable fraction)	
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/m³ (respirable dust)	
Ireland - Occupational Exposure Limits		
Local name	Aluminium oxides	
OEL TWA [1]	4 mg/m³ respirable dust 10 mg/m³ total inhalable dust	
Regulatory reference	Chemical Agents Code of Practice 2020	
Latvia - Occupational Exposure Limits		
OEL TWA	6 mg/m³ (disintegration aerosol)	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³ (inhalable fraction) 2 mg/m³ (respirable fraction)	
Poland - Occupational Exposure Limits		
Local name	Tritlenek glinu	
NDS (OEL TWA)	2.5 mg/m³ (inhalable fraction) 1.2 mg/m³ (respirable fraction)	
Regulatory reference	Dz. U. 2018 poz. 1286	

## Safety Data Sheet

Aluminium Oxide (1344-28-1)		
Portugal - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (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/m³ (aerosols) 3 mg/m³ (dust (Aluminium and Aluminium oxides) 1 mg/m³ (fume (Aluminium and Aluminium oxides)	
OEL STEL	5 mg/m³ (aerosols) 10 mg/m³ (dust (Aluminium and Aluminium oxides) 3 mg/m³ (fume (Aluminium and Aluminium oxides)	
Slovakia - Occupational Exposure Limits		
NPHV (OEL TWA) [1]	4 mg/m³ (inhalable dust)	
Spain - Occupational Exposure Limits		
Local name	Óxido de aluminio (Corindón)	
VLA-ED (OEL TWA) [1]	10 mg/m³	
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT	
Sweden - Occupational Exposure Limits		
NGV (OEL TWA)	5 mg/m³ (total dust) 2 mg/m³ (respirable fraction)	
United Kingdom - Occupational Exposure Limits		
Local name	Aluminium oxides	
WEL TWA (OEL TWA) [1]	10 mg/m³ inhalable dust 4 mg/m³ respirable dust	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Norway - Occupational Exposure Limits		
Local name	Aluminiumoksid	
Grenseverdi (OEL TWA) [1]	10 mg/m³ (equal to the limit value for Nuisance dust)	
Korttidsverdi (OEL STEL)	15 mg/m³ (equal to the limit value for Nuisance dust)	
Regulatory reference	FOR-2020-04-06-695	
Switzerland - Occupational Exposure Limits		
Local name	Aluminium oxyde / Aluminiumoxid [Korund]	
MAK (OEL TWA) [1]	3 mg/m³ (respirable dust, smoke)	
KZGW (OEL STEL)	24 mg/m³ (respirable dust, smoke)	
Critical toxicity	Formel / Formal	
Notation	B/B	
Remark	NIOSH	
Regulatory reference	www.suva.ch, 01.01.2020	
Switzerland - BAT		
BAT	60 μg/g creatinine Parameter: Aluminum - Medium: urine - Sampling time: no restrictions	

## Safety Data Sheet

White mineral oil (petroleum) (8042-47-5)		
Germany - Occupational Exposure Limits (TRGS 900)		
Local name	Weißes Mineralöl (Erdöl)	
AGW (OEL TWA) [1]	5 mg/m³ (A)	
Peak exposure limitation factor	4(II)	
Remark	DFG;Y	
Regulatory reference	TRGS900	
Switzerland - Occupational Exposure Limits		
Local name	Huile de paraffine / Weissöl, pharmazeutisch	
MAK (OEL TWA) [1]	5 mg/m³ (i) / (e)	
Critical toxicity	Poumons / Lunge	
Notation	SS <sub>C</sub> / SS <sub>C</sub>	
Remark	NIOSH, DFG	
Regulatory reference	www.suva.ch, 01.01.2020	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	cyclics, (2-25%) aromatics (64742-82-1)	
Latvia - Occupational Exposure Limits		
OEL TWA	200 mg/m³ (low boiling point Hydrogen treated Naphtha)	
Poland - Occupational Exposure Limits		
Local name	Benzyna do lakierów	
NDS (OEL TWA)	300 mg/m³ (varnish)	
NDSCh (OEL STEL)	900 mg/m³ (varnish (Benzin)	
Regulatory reference	Dz. U. 2018 poz. 1286	
Spain - Occupational Exposure Limits		
Local name	White spirit (nafta de petróleo)	
VLA-ED (OEL TWA) [1]	290 mg/m³ (regulated as White spirit)	
VLA-ED (OEL TWA) [2]	50 ppm (regulated as White spirit)	
VLA-EC (OEL STEL)	580 mg/m³ (regulated as White spirit)	
VLA-EC (OEL STEL) [ppm]	100 ppm (regulated as White spirit)	
Remark	j (De acuerdo con la información disponible, el white spirit que se comercializa en España contiene menos del 0,1% de benceno, por lo cual no está clasificado como carcinogénico), vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante).	
OEL chemical category	skin - potential for cutaneous absorption regulated as White spirit	
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT	
Kerosine (petroleum) (8008-20-6)		
Belgium - Occupational Exposure Limits		
OEL TWA	200 mg/m³ (application limited to exposure conditions to negligible aerosols-total hydrocarbon vapor)	
OEL chemical category	Skin	

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Kerosine (petroleum) (8008-20-6)			
Bulgaria - Occupational Exposure Limits			
OEL TWA	300 mg/m³		
Ireland - Occupational Exposure Limits			
OEL chemical category	Potential for cutaneous absorption		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	100 mg/m³		
NDSCh (OEL STEL)	300 mg/m³		
Portugal - Occupational Exposure Limits			
OEL TWA [ppm]	200 ppm (restricted to conditions in which there are negligible aerosol exposures)		
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, skin - potential for cutaneous exposure		
Spain - Occupational Exposure Limits			
VLA-ED (OEL TWA) [1]	200 mg/m³ (aviation fuel)		
OEL chemical category	skin - potential for cutaneous absorption		
USA - ACGIH - Occupational Exposure Limits			
ACGIH OEL TWA	200 mg/m³ (application restricted to conditions in which there are negligible aerosol exposures-total hydrocarbon vapor (Kerosene/Jet fuels)		
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans		
5-Chloro-2-methyl-3(2H)-isothiazolone, mixtur	re with 2-methyl-3(2H)-isothiazolone (55965-84-9)		
Austria - Occupational Exposure Limits			
MAK (OEL TWA)	0.05 mg/m³ (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		
Switzerland - Occupational Exposure Limits			
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) [1]	0.2 mg/m³ (i) / (e)		
KZGW (OEL STEL)	0.4 mg/m³ (i) / (e)		
Critical toxicity	VRS, Peau, Yeux / OAW, Haut, Auge		
Notation	S, SS <sub>c</sub> / S, SS <sub>c</sub>		
Regulatory reference	www.suva.ch, 01.01.2021		
Sodium Nitrate (7631-99-4)			
Czech Republic - Occupational Exposure Limits			
PEL (OEL TWA)	6 mg/m³ (dust)		

### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

## Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses. Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

#### Hand protection:

Nitrile rubber gloves

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. The fine-dust mask with exhale Valve is recommended to use when dust and mist exceed exposure limits in air, according to EN149:2001 + A1:2009 FFP2 NR standard. The respiratory mask should be worn when respiratory hazards has been identified and evaluated. Respiratory protection should be always determined on quantitative exposure assessments.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

### Environmental exposure controls:

Avoid release to the environment. Prevent entry into waterways, sewers, basements or confined areas.

#### **SECTION 9: Physical and chemical properties**

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

Physical state : Liquid Colour : white. Appearance : Thick liquid. Odour : pleasant. Odour threshold : Not available Melting point : Not applicable Freezing point : Not available Boiling point : Not available Flammability : Not applicable

Explosive properties : Product is not explosive.

Oxidising properties : Non oxidizing material according to EC criteria.

Explosive limits : Not available
Lower explosive limit (LEL) : Not applicable.
Upper explosive limit (UEL) : Not applicable.

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Flash point : >93 °C

Auto-ignition temperature : Not available

Decomposition temperature : Not available

pH : 10

25000 mm<sup>2</sup>/s 20 c Viscosity, kinematic Solubility Soluble 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 : 1.35 : Not available Relative vapour density at 20 °C : Not applicable Particle size

Particle size : Not applicable
Particle size distribution : Not applicable
Particle shape : Not applicable
Particle aspect ratio : Not applicable
Particle aggregation state : Not applicable
Particle agglomeration state : Not applicable
Particle specific surface area : Not applicable
Particle dustiness : Not applicable

#### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 202 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 oxidizers. Strong acids.

#### 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

# Safety Data Sheet

Pine oil (8000-41-7)		
LD50 oral rat	2900 mg/kg	
LD50 dermal rabbit	> 3000 mg/kg	
Aluminium Oxide (1344-28-1)		
LD50 oral rat	> 5000 mg/kg	
White mineral oil (petroleum) (8042-47-5)		
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)	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	cyclics, (2-25%) aromatics (64742-82-1)	
LD50 oral rat	> 5000 mg/kg	
LD50 dermal rabbit	> 3160 mg/kg	
Kerosine (petroleum) (8008-20-6)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LC50 Inhalation - Rat	> 5.28 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 0,42 -	
5-Chloro-2-methyl-3(2H)-isothiazolone, mixtu	re with 2-methyl-3(2H)-isothiazolone (55965-84-9)	
LD50 oral rat	53 mg/kg	
LD50 dermal rat	> 141 mg/kg	
Sodium Nitrate (7631-99-4)		
LD50 oral rat	≈ 3430 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
LD50 oral rat	1020 mg/kg	
LD50 oral	670 mg/kg	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
Skin corrosion/irritation :	Not Classified pH: 10	
Serious eye damage/irritation : Not Classified pH: 10		
•	May cause an allergic skin reaction.	
Germ cell mutagenicity :	Not Classified	
3 ,	Not Classified  Not Classified	
reproductive toxicity	NOT ORGONITOR	

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Aluminium Oxide (1344-28-1)		
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)	
Kerosine (petroleum) (8008-20-6)		
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male	
1,2-benzisothiazol-3(2H)-one (2634-33-5)		
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)	
STOT-single exposure :	Not Classified	
Pine oil (8000-41-7)		
LOAEL (oral, rat)	> 2000 mg/kg bodyweight	
LOAEL (dermal, rat/rabbit)	> 2000 mg/kg bodyweight	
NOAEC (inhalation, rat, gas)	2230 mg/l	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	cyclics, (2-25%) aromatics (64742-82-1)	
STOT-single exposure	May cause drowsiness or dizziness.	
Kerosine (petroleum) (8008-20-6)		
STOT-single exposure	May cause drowsiness or dizziness.	
STOT-repeated exposure :	May cause damage to organs (nervous system) through prolonged or repeated exposure (inhalation).	
Aluminium Oxide (1344-28-1)		
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)	
White mineral oil (petroleum) (8042-47-5)		
NOAEL (oral, rat, 90 days)	≥ 1200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)	
Hydrocarbons, C9-12, n-alkanes, isoalkanes,	cyclics, (2-25%) aromatics (64742-82-1)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
Kerosine (petroleum) (8008-20-6)		
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight Animal: rat, Animal sex: female	
NOAEC (inhalation, rat, vapour, 90 days)	≥ 0.024 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)	
Sodium Nitrate (7631-99-4)		
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)	
Aspiration hazard :	Not Classified	
FARECLA G3 EXTRA ABRASIVE COMPOUND		
Viscosity, kinematic	25000 mm²/s 20 c	

## 11.2. Information on other hazards

No additional information available

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

: Not Classified

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

: Harmful to aquatic life with long lasting effects.

Pine oil (8000-41-7)           LCS0 - Fish [1]         0.8 - 6.1 g/l           EC50 - Crustacea [1]         0.634 - 5.2 mg/l           EC50 - 27ch - Algae [1]         6 mg/l           Aluminium Oxido (1344-28-1)           EC50 72h - Algae [1]         1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocells subcapitata, Selenastrum capricomutum)           EC50 72h - Algae [2]         2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocells subcapitata, Selenastrum capricomutum)           Hydrocarbons, C9-12, nalkanes, Isoalkanes, vicis, (2-25%) aromatics (64742-82-1)           LCS0 - Fish [1]         4 mg/l           EC50 72h - Algae [1]         4 mg/l           EC50 72h - Algae [1]         2 mg/l           EC50 72h - Algae [1]         4 mg/l           EC50 72h - Algae [1]         2 mg/l           EC50 - Crustacea [1]         2 mg/l           EC50 - Crustacea [1]         0.048 mg/l           EC50 - Crustacea [2]         0.048 mg/l         28 d (minbow trout) (OECD 201)           <	Not rapidly degradable		
EC50 - Crustacea [1]         0.634 - 5.2 mg/l           EC50 72h - Algae [1]         68 mg/l           Aluminium Oxide (1344-28-1)           EC50 72h - Algae [1]         1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricomutum)           EC50 72h - Algae [2]         0.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricomutum)           Hydrocarbons, C9-12, n-alkanes, isoalkanes, volics, (2-25%) aromatics (64742-82-1)           LC50 - Fish [1]         < 30 mg/l	Pine oil (8000-41-7)		
EC50 72h - Algae [1] 68 mg/l  Aluminium Oxide (1344-28-1)  EC50 72h - Algae [2] 1,05 mg/l Test organisms (species); Pseudokirchneriella subcapitata (previous names: Raphidocells subcapitata, Selenastrum capricomutum)  EC50 72h - Algae [2] 0,2 mg/l Test organisms (species); Pseudokirchneriella subcapitata (previous names: Raphidocells subcapitata, Selenastrum capricomutum)  Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-82-1)  LC50 - Fish [1]      < 30 mg/l  EC50 - Crustacea [1]	LC50 - Fish [1]	0.8 – 6.1 g/l	
Aluminium Oxide (1344-28-1)  EC50 72h - Algae [1]	EC50 - Crustacea [1]	0.634 – 5.2 mg/l	
EC50 72h - Algae [1] 1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocells subcapitata, Selenastrum capricomutum)  Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-82-1)  LC50 - Fish [1]	EC50 72h - Algae [1]	68 mg/l	
Raphidocelis subcapitata, Selenastrum capricornutum)  ECS0 72h - Algae [2]  Raphidocelis subcapitata, Selenastrum capricornutum)  Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-82-1)  LC50 - Fish [1]  C50 - Crustacea [1]  C50 - Crustacea [1]  C50 - Trish [1]  C50 - Fish [1]  C50 - Crustacea [1]  C50 - Crustacea [1]  C50 - Fish [1]  C50 - Fish [1]  C50 - Crustacea [2]  C50 - Fish [2]  C50 - Crustacea [1]  C50 - Fish [2]  C50 - Crustacea [1]  C50 - Fish [2]  C50 - Crustacea [1]  C50 - Fish [2]  C50 - Crustacea [1]  C50 - Fish [2]  C50 - Crustacea [1]  C50 - Cr	Aluminium Oxide (1344-28-1)		
Raphidocells subcapitata, Selenastrum capricomutum)   Hydrocarbons, C9-12, n-alkanes, isoalkanes, vclics, (2-25%) aromatics (64742-82-1)   LC50 - Fish [1]	EC50 72h - Algae [1]		
LC50 - Fish [1]         < 30 mg/l	EC50 72h - Algae [2]		
EC50 - Crustacea [1] < 22 mg/l  EC50 72h - Algae [1] < 10 mg/l  5-Chloro-2-methyl-3(2H)-isothiazolone, mixturwith 2-methyl-3(2H)-isothiazolone (55965-84-9)  LC50 - Fish [1]	Hydrocarbons, C9-12, n-alkanes, isoalkanes,	cyclics, (2-25%) aromatics (64742-82-1)	
EC50 72h - Algae [1] < 10 mg/l  5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)  LC50 - Fish [1] 0.22 mg/l (rainbow trout) (OECD 203)  EC50 - Crustacea [1] 0.1 mg/l  EC50 - Crustacea [2] 0.0052 mg/l (Skeletonema costatum) (OECD 201)  EC50 72h - Algae [1] 0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)  NOEC chronic fish 0.0098 mg/l 28 d (rainbow trout) (OECD 210)  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] 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2] 994.4 − 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	< 30 mg/l	
S-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)   LC50 - Fish [1]   0.22 mg/l (rainbow trout) (OECD 203)   EC50 - Crustacea [1]   0.1 mg/l     EC50 - Crustacea [2]   0.0052 mg/l (Skeletonema costatum) (OECD 201)   EC50 72h - Algae [1]   0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)   NOEC chronic fish   0.0098 mg/l 28 d (rainbow trout) (OECD 210)   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]   2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])   LC50 - Fish [2]   994.4 − 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])   1,2-benzisothiazol-3(2H)-one (2634-33-5)   LC50 - Fish [1]   ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus   LC50 - Fish [2]   2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   EC50 - Crustacea [1]   2.94 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [1]	< 22 mg/l	
LC50 - Fish [1] 0.22 mg/l (rainbow trout) (OECD 203)  EC50 - Crustacea [1] 0.1 mg/l  EC50 - Crustacea [2] 0.0052 mg/l (Skeletonema costatum) (OECD 201)  EC50 72h - Algae [1] 0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)  NOEC chronic fish 0.0098 mg/l 28 d (rainbow trout) (OECD 210)  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] 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2] 994.4 − 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.94 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [1]	< 10 mg/l	
EC50 - Crustacea [1] 0.1 mg/l  EC50 - Crustacea [2] 0.0052 mg/l (Skeletonema costatum) (OECD 201)  EC50 72h - Algae [1] 0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)  NOEC chronic fish 0.0098 mg/l 28 d (rainbow trout) (OECD 210)  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] 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2] 994.4 − 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna	5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)		
EC50 - Crustacea [2] 0.0052 mg/l (Skeletonema costatum) (OECD 201)  EC50 72h - Algae [1] 0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)  NOEC chronic fish 0.0098 mg/l 28 d (rainbow trout) (OECD 210)  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] 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2] 994.4 – 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	0.22 mg/l (rainbow trout) (OECD 203)	
EC50 72h - Algae [1]  0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)  NOEC chronic fish  0.0098 mg/l 28 d (rainbow trout) (OECD 210)  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]  2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2]  994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1]  ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2]  2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [1]	0.1 mg/l	
NOEC chronic fish  0.0098 mg/l 28 d (rainbow trout) (OECD 210)  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]  2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2]  994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1]  ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2]  2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [2]	0.0052 mg/l (Skeletonema costatum) (OECD 201)	
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] 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2] 994.4 – 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna	EC50 72h - Algae [1]	0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)	
NOEC chronic algae  0.0012 mg/l 72 h (Pseudokirchneriella subcapitata) (OECD 201)  Sodium Nitrate (7631-99-4)  LC50 - Fish [1]  2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2]  994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1]  ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2]  2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	NOEC chronic fish	0.0098 mg/l 28 d (rainbow trout) (OECD 210)	
Sodium Nitrate (7631-99-4)  LC50 - Fish [1] 2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2] 994.4 - 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna	NOEC chronic crustacea	0.004 mg/l 21 d (Daphnia) (OECD 211)	
LC50 - Fish [1]  2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])  LC50 - Fish [2]  994.4 – 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1]  ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2]  2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	NOEC chronic algae	0.0012 mg/l 72 h (Pseudokirchneriella subcapitata) (OECD 201)	
LC50 - Fish [2]  1,2-benzisothiazol-3(2H)-one (2634-33-5)  LC50 - Fish [1]  ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2]  2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	Sodium Nitrate (7631-99-4)		
1,2-benzisothiazol-3(2H)-one (2634-33-5)   LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus   LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)   EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	2000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])	
LC50 - Fish [1] ≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus  LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [2]	994.4 – 1107 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
LC50 - Fish [2]  2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	1,2-benzisothiazol-3(2H)-one (2634-33-5)		
gairdneri)  EC50 - Crustacea [1]  2.94 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	≈ 16.7 mg/l Test organisms (species): Cyprinodon variegatus	
	LC50 - Fish [2]		
EC50 - Crustacea [2] 2.9 mg/l Test organisms (species): Daphnia magna	EC50 - Crustacea [1]	2.94 mg/l Test organisms (species): Daphnia magna	
	EC50 - Crustacea [2]	2.9 mg/l Test organisms (species): Daphnia magna	

## 12.2. Persistence and degradability

FARECLA G3 EXTRA ABRASIVE COMPOUND	
Persistence and degradability	Rapidly biodegradable.

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-82-1)	
Biodegradation	75 %

## 12.3. Bioaccumulative potential

FARECLA G3 EXTRA ABRASIVE COMPOUND			
Bioaccumulative potential	No indication of bio-accumulation potential.		
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)			
Bioconcentration factor (BCF REACH)  3.6 (calculated) S 1177			
Sodium Nitrate (7631-99-4)			
Partition coefficient n-octanol/water (Log Pow)	-3.8 (at 25 °C)		
1,2-benzisothiazol-3(2H)-one (2634-33-5)			
Partition coefficient n-octanol/water (Log Pow)	1.3 (25 °C)		

### 12.4. Mobility in soil

FARECLA G3 EXTRA ABRASIVE COMPOUND	
Ecology - soil	Semi-solid under most environmental conditions. If it enters soil, it will adsorb to soil particles and will not be mobile.

## 12.5. Results of PBT and vPvB assessment

#### **FARECLA G3 EXTRA ABRASIVE COMPOUND**

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

## 12.6. Endocrine disrupting properties

No additional information available

## 12.7. Other adverse effects

No additional information available

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## **SECTION 14: Transport information**

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

ADR	IMDG IATA		ADN	RID	
14.1. UN number or ID n	14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.2. UN proper shipping name					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.3. Transport hazard class(es)					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

ADR	IMDG	IATA	ADN	RID	
14.4. Packing group	14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.5. Environmental haz	14.5. Environmental hazards				
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

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

EU restriction list (REACH Annex XVII)	
Reference code Applicable on	
3(a)	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics ; Kerosine (petroleum)
3(b)	FARECLA G3 EXTRA ABRASIVE COMPOUND; Pine oil; Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics; Kerosine (petroleum)
3(c)	FARECLA G3 EXTRA ABRASIVE COMPOUND; Pine oil; Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics; Kerosine (petroleum)
40.	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics ; Kerosine (petroleum)

Contains no substance on the REACH candidate list

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

Contains substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 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 to the relevant national contact point within 24 hours.

### Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Name		Nomenclature	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

Please see https://ec.europa.eu/home-affairs/system/files/2021-05/list\_of\_competent\_authorities\_and\_national\_contact\_points\_en.pdf

VOC content : 202 g/l

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.

#### 15.1.2. National regulations

France	
Occupational diseases	
Code	Description
RG 65	Eczematiform lesions of allergic mechanism
RG 66	Occupational rhinitis and asthma

#### 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 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, Kerosine

(petroleum) are listed

SZW-lijst van mutagene stoffen : Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics, Kerosine

(petroleum) are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen - Ontwikkeling

32VV-lijst van reprotoxische stollen – Ontwikkeli

Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

: None of the components are listed

: None of the components are listed

: None of the components are listed

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

Switzerland

Storage class (LK) : LK 6.1 - Toxic materials

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

#### **SECTION 16: Other information**

Abbreviations and acronyms:		
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
IARC	International Agency for Research on Cancer	

## Safety Data Sheet

Abbreviations and acronyms:		
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
PBT	Persistent Bioaccumulative Toxic	
SDS	Safety Data Sheet	
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	
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	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OEL	Occupational Exposure Limit	
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	
vPvB	Very Persistent and Very Bioaccumulative	
WGK	Water Hazard Class	

Full text of H- and EUF	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. 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	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
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.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Ox. Sol. 2	Oxidising Solids, Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

While Farecla Products Ltd. believes that the data and information contained herein are factual and the opinions are those of qualified experts, they are not to be taken as a warranty or representation for which Farecla assumes any legal responsibility. They are offered solely for the consideration, investigation, data and information in accordance with applicable laws and regulations.