



FARECLA G6 RAPID GRADE PASTE COMPOUND

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 6/22/2022 Revision date: 6/22/2022 Supersedes version of: 11/12/2012 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 G6 RAPID GRADE PASTE COMPOUND
UFI : 9610-70UP-D003-EYV6
Danish product registration number : PR 4355336
Product code : G6-400, G6-1400, G6-3000
Other means of identification : UPC 78072700173, 78072708711

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

1.2.1. Relevant identified uses

Intended for general public
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

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

T +44 (0)19 2046 5041 (8:30-16:30 Monday to Friday) - F +44 (0)19 2046 6557

technical@farecla.com - www.farecla.com

Only Representative

Saint-Gobain Coating Solutions
50 rue du Mourelet Z.I. Courtine Mourre Frais, B.P.
FR- 90966 84093 Avignon – Cedex
France

T 0033 (0) 4 90 85 85 00 - F 0033 (0) 4 90 82 94 52
qualite-ehs.coating-solutions@saint-gobain.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	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]

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

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Adverse physicochemical, human health and environmental effects

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

2.2. Label elements

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

Hazard pictograms (CLP)



GHS07

GHS08

Signal word (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 through prolonged or repeated exposure.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.
P260 - Do not breathe dust, 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 water.
P314 - Get medical advice/attention if you feel unwell.

Extra phrases

: For professional users only.

Child-resistant fastening

: Not applicable

Tactile warning

: Applicable

Nordic countries regulation

Denmark

Danish product registration number

: PR 4355336

MAL code

: 00-3

2.3. Other hazards

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

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

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component	
Aluminium Oxide (1344-28-1)	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
Glycerine (56-81-5)	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
Pine oil (8000-41-7)	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
1,2-benzisothiazol-3(2H)-one (2634-33-5)	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
Sodium Nitrate (7631-99-4)	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
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)	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 at a concentration equal to or greater than 0,1 %

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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 at a concentration equal to or greater than 0,1 %

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
White mineral oil (petroleum)	CAS-No.: 8042-47-5 EC-No.: 232-455-8 REACH-no: 2119487078-27	1 – 10	Not Classified
Glycerine	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	1 – 10	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.: 64742-88-7 EC-No.: 265-191-7 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
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 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Sodium Nitrate	CAS-No.: 7631-99-4 EC-No.: 231-554-3 REACH-no: 01-2119488221-41	< 0.01	Ox. Sol. 3, H272 Eye Irrit. 2, H319

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	CAS-No.: 55965-84-9 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 STOT RE 1, H372 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)

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: 01-2120761540-60	(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 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:
>30% zeolites; 5-15% aliphatic hydrocarbons; <5% nonionic surfactants, Methylchloroisothiazolinone, Methylisothiazolinone, Benzisothiazolinone. For more ingredient information visit 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 : Get medical advice/attention 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 : 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 : 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 after inhalation : May cause headache, nausea and irritation of respiratory tract. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).
Symptoms/effects after skin contact : May cause an allergic skin reaction. Itching.
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.

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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.
Unsuitable extinguishing media : Do not scatter spilled material with high-pressure water streams.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides.

5.3. Advice for firefighters

Precautionary measures fire : Keep container closed when not in use.
Firefighting instructions : Fight fire with normal precautions from a reasonable distance. In case of fire: stop leak if safe to do so. Get the package away from the fire if this can be done without risk.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information : On exposure to high temperature, may decompose, releasing toxic gases.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Do not breathe dust, 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".
Emergency procedures : Evacuate unnecessary personnel. Cover spill with non combustible material, e.g.: sand/earth. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.
Harmful to aquatic life with long lasting effects.

6.3. Methods and material for containment and cleaning up

For containment : Using a clean shovel, put the material in a dry container and cover without compressing it.
Methods for cleaning up : Shovel or sweep up and put in a closed container for disposal.
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, vapours. Avoid contact with skin and eyes. Wear personal protective equipment.

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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 : Oxidizing agent.
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

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

Latvia - Occupational Exposure Limits

OEL TWA	200 mg/m ³ (low boiling point Hydrogen treated Naphtha)
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Poland - Occupational Exposure Limits

Local name	Benzyna do lakierów
NDS (OEL TWA)	300 mg/m ³ (varnish)
NDSCh (OEL STEL)	900 mg/m ³ (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/m ³ (regulated as White spirit)
VLA-ED (OEL TWA) [2]	50 ppm (regulated as White spirit)
VLA-EC (OEL STEL)	580 mg/m ³ (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).
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OEL chemical category	skin - potential for cutaneous absorption regulated as White spirit
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Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT
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Kerosine (petroleum) (8008-20-6)

Belgium - Occupational Exposure Limits

Local name	Kérosène (en vapeur d'hydrocarbure total): application limitée aux conditions d'exposition aux aérosols négligeable # Kerosine (als totale koolwaterstofdamp): toepassing beperkt tot omstandigheden met verwaarloosbare blootstelling aan aerosolen
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Kerosine (petroleum) (8008-20-6)	
OEL TWA	200 mg/m ³ (application limited to exposure conditions to negligible aerosols-total hydrocarbon vapor)
Remark	D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht.
OEL chemical category	Skin
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
Bulgaria - Occupational Exposure Limits	
Local name	Керосин (по бензен)
OEL TWA	300 mg/m ³
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. 47 от 2021 г., в сила от 04.06.2021 г.)
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	Siehe TRGS 900, Nummer 2.9
Remark	AGS - Ausschuss für Gefahrstoffe; 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	
OEL chemical category	Potential for cutaneous absorption
Poland - Occupational Exposure Limits	
Local name	Nafta
NDS (OEL TWA)	100 mg/m ³
NDSch (OEL STEL)	300 mg/m ³
Regulatory reference	Dz. U. 2018 poz. 1286
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	
Local name	Queroseno (combustible de aviación)
VLA-ED (OEL TWA) [1]	200 mg/m ³ (aviation fuel)
Remark	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
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT
USA - ACGIH - Occupational Exposure Limits	
Local name	Kerosene, as total hydrocarbon vapor

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Kerosine (petroleum) (8008-20-6)	
ACGIH OEL TWA	200 mg/m ³ (application restricted to conditions in which there are negligible aerosol exposures-total hydrocarbon vapor (Kerosene/Jet fuels))
Remark (ACGIH)	TLV® Basis: Skin & URT irr; CNS impair. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2022
White mineral oil (petroleum) (8042-47-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	5 mg/m ³ (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
Switzerland - Occupational Exposure Limits	
Local name	Huile de paraffine / Weissöl, pharmazeutisch
MAK (OEL TWA) [1]	5 mg/m ³ (i) / (e)
Critical toxicity	Poumons / Lunge
Notation	SS _c / SS _c
Remark	NIOSH, DFG
Regulatory reference	www.suva.ch, 01.01.2021
Aluminium Oxide (1344-28-1)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	5 mg/m ³ (respirable fraction, smoke)
MAK (OEL STEL)	10 mg/m ³ (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 ³
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	10 mg/m ³ (total dust, inhalable particles) 4 mg/m ³ (respirable dust)
Denmark - Occupational Exposure Limits	
OEL TWA [1]	5 mg/m ³ (total) 2 mg/m ³ (respirable)
Estonia - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (total dust) 4 mg/m ³ (respirable dust)

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Aluminium Oxide (1344-28-1)	
France - Occupational Exposure Limits	
Local name	Aluminium (Trioxyde de di-)
VME (OEL TWA)	10 mg/m ³
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/m ³ (inhalable fraction) 5 mg/m ³ (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/m ³ (respirable dust)
Ireland - Occupational Exposure Limits	
Local name	Aluminium oxides
OEL TWA [1]	10 mg/m ³ total inhalable dust 4 mg/m ³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2021
Latvia - Occupational Exposure Limits	
OEL TWA	6 mg/m ³ (disintegration aerosol)
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	5 mg/m ³ (inhalable fraction) 2 mg/m ³ (respirable fraction)
Poland - Occupational Exposure Limits	
Local name	Tritlenek glinu
NDS (OEL TWA)	2.5 mg/m ³ (inhalable fraction) 1.2 mg/m ³ (respirable fraction)
Remark	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia. Frakcja respirabilna – frakcja aerozolu wnikająca do dróg oddechowych, która stwarza zagrożenie dla zdrowia po zdeponowaniu w obszarze wymiany gazowej.
Regulatory reference	Dz. U. 2018 poz. 1286
Portugal - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (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 ³ (aerosols) 3 mg/m ³ (dust (Aluminium and Aluminium oxides)) 1 mg/m ³ (fume (Aluminium and Aluminium oxides))
OEL STEL	5 mg/m ³ (aerosols) 10 mg/m ³ (dust (Aluminium and Aluminium oxides)) 3 mg/m ³ (fume (Aluminium and Aluminium oxides))

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Aluminium Oxide (1344-28-1)	
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	4 mg/m ³ (inhalable dust)
Spain - Occupational Exposure Limits	
Local name	Óxido de aluminio (Corindón)
VLA-ED (OEL TWA) [1]	10 mg/m ³
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2022. INSHT
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	5 mg/m ³ (total dust) 2 mg/m ³ (respirable fraction)
United Kingdom - Occupational Exposure Limits	
Local name	Aluminium oxides
WEL TWA (OEL TWA) [1]	10 mg/m ³ 4 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Norway - Occupational Exposure Limits	
Local name	Aluminiumoksid
Grønseverdi (OEL TWA) [1]	10 mg/m ³ (equal to the limit value for Nuisance dust)
Korttidsverdi (OEL STEL)	15 mg/m ³ (equal to the limit value for Nuisance dust)
Remark	1) Grønseverdien er fastsatt lik verdien for sjenerende støv.
Regulatory reference	FOR-2021-06-28-2248
Switzerland - Occupational Exposure Limits	
Local name	Aluminium oxyde / Aluminiumoxid [Korund]
MAK (OEL TWA) [1]	3 mg/m ³ (respirable dust, smoke)
KZGW (OEL STEL)	24 mg/m ³ (respirable dust, smoke)
Critical toxicity	Formel / Formal
Notation	B / B
Remark	NIOSH
Regulatory reference	www.suva.ch, 01.01.2021
Switzerland - BAT	
Local name	Aluminium oxyde / Aluminiumoxid
BAT	60 µg/g creatinine Parameter: Aluminum - Medium: urine - Sampling time: no restrictions
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
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	1 mg/m ³
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	0.05 mg/m ³ (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

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5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

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/m ³ (i) / (e)
KZGW (OEL STEL)	0.4 mg/m ³ (i) / (e)
Critical toxicity	VRS, Peau, Yeux / OAW, Haut, Auge
Notation	S, SS _c / S, SS _c
Regulatory reference	www.suva.ch, 01.01.2021

Sodium Nitrate (7631-99-4)

Czech Republic - Occupational Exposure Limits

PEL (OEL TWA)	6 mg/m ³ (dust)
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Glycerine (56-81-5)

Belgium - Occupational Exposure Limits

Local name	Glycérine (brouillard) # Glycerine (nevel)
OEL TWA	10 mg/m ³
Regulatory reference	Koninklijk besluit/Arrêté royal 19/11/2020

Croatia - Occupational Exposure Limits

GVI (OEL TWA) [1]	10 mg/m ³
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Czech Republic - Occupational Exposure Limits

Local name	Glycerol, mlha
PEL (OEL TWA)	10 mg/m ³
PEL (OEL TWA) [ppm]	2.6 ppm
NPK-P (OEL C)	15 mg/m ³
NPK-P (OEL C) [ppm]	3.9 ppm
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 41/2020 Sb.)

Estonia - Occupational Exposure Limits

OEL TWA	10 mg/m ³
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Finland - Occupational Exposure Limits

Local name	Glyseroli
HTP (OEL TWA) [1]	20 mg/m ³
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveysministeriö)

France - Occupational Exposure Limits

Local name	Glycérine (aérosols de)
VME (OEL TWA)	10 mg/m ³
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 984, 2016)

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Glycerine (56-81-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA) [1]	200 mg/m ³ (E)
Peak exposure limitation factor	2(I)
Remark	DFG;Y
Regulatory reference	TRGS900
Greece - Occupational Exposure Limits	
Local name	Γλυκερίνη
OEL TWA	10 mg/m ³
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
Poland - Occupational Exposure Limits	
Local name	Glicerol
NDS (OEL TWA)	10 mg/m ³ frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikająca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.
Regulatory reference	Dz. U. 2018 poz. 1286
Portugal - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (mist)
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA) [1]	11 mg/m ³
Slovenia - Occupational Exposure Limits	
OEL TWA	200 mg/m ³ (inhalable fraction)
OEL STEL	400 mg/m ³ (inhalable fraction)
Spain - Occupational Exposure Limits	
Local name	Glicerina
VLA-ED (OEL TWA) [1]	10 mg/m ³ nieblas
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
United Kingdom - Occupational Exposure Limits	
Local name	Glycerol
WEL TWA (OEL TWA) [1]	10 mg/m ³
WEL STEL (OEL STEL)	30 mg/m ³ (calculated-mist)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Switzerland - Occupational Exposure Limits	
Local name	Glycérine / Glycerin
MAK (OEL TWA) [1]	50 mg/m ³ (i) / (e)
KZGW (OEL STEL)	100 mg/m ³ (i) / (e)
Critical toxicity	VRS / OAW
Notation	SS _c / SS _c
Regulatory reference	www.suva.ch, 01.01.2021

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8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

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. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses. Protective clothing.

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:

Protective gloves. 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").

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	: Solid
Colour	: Cream.
Appearance	: Thick paste.
Odour	: pleasant.

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Odour threshold	: Not available
Melting point	: Not available
Freezing point	: ≈ 0 °C
Boiling point	: Not available
Flammability	: Non flammable.
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: > 93 °C
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: 9 – 10
pH solution	: Not available
Viscosity, kinematic	: 55000 mm ² /s
Solubility	: Slightly soluble.
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	: 1.44
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

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 : 177 g/l (11.25%)

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.

10.6. Hazardous decomposition products

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

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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

Pine oil (8000-41-7)

LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	> 3000 mg/kg

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

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), Remarks on results: other:
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LC50 Inhalation - Rat	> 5.28 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:., 95% CL: 0,42 -

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 -

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)

Aluminium Oxide (1344-28-1)

LD50 oral rat	> 15900 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.3 mg/l air

5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

LD50 oral rat	66 mg/kg bodyweight
LD50 dermal rat	> 141 mg/kg bodyweight
LC50 Inhalation - Rat	0.17 mg/l air

Sodium Nitrate (7631-99-4)

LD50 oral rat	3430 mg/kg bodyweight
LD50 oral	3700 mg/kg
LD50 dermal rat	> 5000 mg/kg bodyweight

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

LD50 oral rat	490 mg/kg bodyweight
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1,2-benzisothiazol-3(2H)-one (2634-33-5)	
LD50 oral	670 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight
Glycerine (56-81-5)	
LD50 oral rat	27200 mg/kg
LD50 dermal rabbit	> 10 g/kg
LD50 dermal	56750 mg/kg
LC50 Inhalation - Rat	> 2.75 mg/l
Skin corrosion/irritation	: Not Classified pH: 9 – 10
Sodium Nitrate (7631-99-4)	
pH	7
Glycerine (56-81-5)	
pH	5.5 – 8
Serious eye damage/irritation	: Not Classified pH: 9 – 10
Sodium Nitrate (7631-99-4)	
pH	7
Glycerine (56-81-5)	
pH	5.5 – 8
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not Classified
Carcinogenicity	: Not Classified
Reproductive toxicity	: Not Classified
Kerosine (petroleum) (8008-20-6)	
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male
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)
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 (64742-88-7)	
STOT-single exposure	May cause drowsiness or dizziness.
Kerosine (petroleum) (8008-20-6)	
STOT-single exposure	May cause drowsiness or dizziness.

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STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

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)
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)

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)
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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)

5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

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)
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

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)
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Aspiration hazard : Not Classified

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Viscosity, kinematic	55000 mm ² /s
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Pine oil (8000-41-7)

Viscosity, kinematic	7.4 mm ² /s
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Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

Viscosity, kinematic	0.95 mm ² /s 40°C
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White mineral oil (petroleum) (8042-47-5)

Viscosity, kinematic	2 mm ² /s @ 40°C
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Hydrocarbon	Yes
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11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

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

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Hazardous to the aquatic environment, short-term (acute) : Not Classified

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Not rapidly degradable

Pine oil (8000-41-7)

LC50 - Fish [1] 0.8 – 6.1 g/l

EC50 - Crustacea [1] 0.634 – 5.2 mg/l

EC50 72h - Algae [1] 68 mg/l

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

LC50 - Fish [1] < 30 mg/l

EC50 - Crustacea [1] < 22 mg/l

EC50 72h - Algae [1] < 10 mg/l

Aluminium Oxide (1344-28-1)

LC50 - Fish [1] 1.16 mg/l

EC50 72h - Algae [1] 1050 µg/l

EC50 72h - Algae [2] 0.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (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] 0.007 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) 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] > 100 mg/l

LC50 - Fish [2] 1354 mg/l Test organisms (species): other:

EC50 - Crustacea [1] 8609 mg/l

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

LC50 - Fish [1] 2.18 mg/l

LC50 - Fish [2] 2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)

EC50 - Crustacea [1] 2.94 mg/l

EC50 - Crustacea [2] 2.9 mg/l Test organisms (species): Daphnia magna

ErC50 algae 150 µg/l

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Glycerine (56-81-5)	
LC50 - Fish [1]	54000 mg/l
EC50 - Crustacea [1]	> 10000 mg/l

12.2. Persistence and degradability

FARECLA G6 RAPID GRADE PASTE COMPOUND

Persistence and degradability	Inherently biodegradable.
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Pine oil (8000-41-7)

ThOD	2.9 g O ₂ /g substance
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Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

Biodegradation	75 %
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Glycerine (56-81-5)

Biochemical oxygen demand (BOD)	0.87 g O ₂ /g substance
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Chemical oxygen demand (COD)	1.16 g O ₂ /g substance
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ThOD	1.217 g O ₂ /g substance
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12.3. Bioaccumulative potential

FARECLA G6 RAPID GRADE PASTE COMPOUND

Bioaccumulative potential	No indication of bio-accumulation potential.
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Pine oil (8000-41-7)

Partition coefficient n-octanol/water (Log Pow)	2.6
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Aluminium Oxide (1344-28-1)

Bioaccumulative potential	No bioaccumulation data available.
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5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

BCF - Fish [1]	41 – 54
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Bioconcentration factor (BCF REACH)	3.6 (calculated) S 1177
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Partition coefficient n-octanol/water (Log Pow)	0.75
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Sodium Nitrate (7631-99-4)

Partition coefficient n-octanol/water (Log Pow)	-3.8
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1,2-benzisothiazol-3(2H)-one (2634-33-5)

BCF - Fish [1]	6.62
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Partition coefficient n-octanol/water (Log Pow)	-0.9 – 0.99
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Glycerine (56-81-5)

BCF - Fish [1]	(no bioaccumulation)
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Partition coefficient n-octanol/water (Log Pow)	-1.75
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Partition coefficient n-octanol/water (Log Kow)	-1.76
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12.4. Mobility in soil

FARECLA G6 RAPID GRADE PASTE COMPOUND

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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5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.81 – 1
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1,2-benzisothiazol-3(2H)-one (2634-33-5)

Surface tension	72.6 mN/m
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97
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Glycerine (56-81-5)

Surface tension	63.4 mN/m
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Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0
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12.5. Results of PBT and vPvB assessment

FARECLA G6 RAPID GRADE PASTE 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.
European List of Waste (LoW) code	: 08 04 11* - adhesive and sealant sludges containing organic solvents or other dangerous substances
HP Code	: HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration. HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.
Hazardous Waste Group	: H - Organic chemicals without halogen or sulfur (eg. water-based glue, varnish or paint) or mixed organic and inorganic substances.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

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ADR	IMDG	IATA	ADN	RID
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
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
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

REACH Annex XVII (Restriction List)

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)	Pine oil ; Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics ; Kerosine (petroleum) ; 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone
3(c)	Pine oil ; Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics ; Kerosine (petroleum) ; 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone
40.	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics ; Kerosine (petroleum)

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

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PIC Regulation (Prior Informed Consent)

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.

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

VOC Directive (2004/42)

VOC content : 177 g/l (11.25%)

Explosives Precursors Regulation (2019/1148)

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.

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

Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

France

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

Germany

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

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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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

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.
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. 3	Oxidising Solids, Category 3
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C

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Full text of H- and EUH-statements:

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

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