



# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

Issue date: 22/1/2024 Revision date:22/1/2024 Supersedes version of: 5/5/2011 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 ADVANCED LIQUID COMPOUND  
Product code : FAG3L,FAG35,FAG3500  
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

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](mailto:technical@farecla.com), [www.farecla.com](http://www.farecla.com)

##### Supplier

Wyatt Machine Tools (Rupes) NZ Limited  
388 Church Street  
Penrose  
Auckland  
New Zealand  
T (09) 525 1000, F (09) 525 1009

#### 1.4. Emergency telephone number

Emergency number : 0800 992 881 (0800WYATT1)

### 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, H412  
Category 3

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

##### 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

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

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Warning

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Contains	: Pine oil; Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1); 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)	: P102 - Keep out of reach of children. 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 water. P314 - Get medical advice/attention if you feel unwell.
Extra phrases	: For professional users only.

### 2.3. Other hazards

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

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

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

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

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Pine oil (8000-41-7), Aluminium Oxide (1344-28-1), 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) <sup>(1)</sup> , Sodium Nitrate (7631-99-4) <sup>(1)</sup> , 1,2-benzisothiazol-3(2H)-one (2634-33-5) <sup>(1)</sup> , Glycerol (56-81-5), Sodium Acetate (127-09-3) <sup>(1)</sup>
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Pine oil (8000-41-7), Aluminium Oxide (1344-28-1), 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9) <sup>(1)</sup> , Sodium Nitrate (7631-99-4) <sup>(1)</sup> , 1,2-benzisothiazol-3(2H)-one (2634-33-5) <sup>(1)</sup> , Glycerol (56-81-5), Sodium Acetate (127-09-3) <sup>(1)</sup>

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

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Aluminium Oxide substance with national workplace exposure limit(s)	CAS-No.: 1344-28-1 EC-No.: 215-691-6 REACH-no: 01-2119529248-35	30 - 50	Not classified
Pine oil	CAS-No.: 8000-41-7 EC-No.: 701-188-3 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

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
White mineral oil (petroleum) substance with national workplace exposure limit(s)	CAS-No.: 8042-47-5 EC-No.: 232-455-8 REACH-no: 01-2119487078-27	1 - 10	Not classified
Glycerol substance with national workplace exposure limit(s)	CAS-No.: 56-81-5 EC-No.: 200-289-5 REACH-no: 01-2119471987-18	1 - 10	Not classified
Kerosine (petroleum) substance with national workplace exposure limit(s)	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 substance with national workplace exposure limit(s)	CAS-No.: 64742-88-7 EC-No.: 265-191-7; 919-446-0 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
1,2-benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6 REACH-no: 01-2120761540-60	<0.05	Acute Tox. 4 (Oral), H302 (ATE=490 mg/kg bodyweight) Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Sodium Acetate substance with national workplace exposure limit(s)	CAS-No.: 127-09-3 EC-No.: 204-823-8 REACH-no: 01-2119485123-42	< 0.02	Not classified
Isopropanol substance with national workplace exposure limit(s)	CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558-25	< 0.01	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Sodium hydroxide substance with national workplace exposure limit(s)	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	< 0.005	Skin Corr. 1A, H314 Eye Dam. 1, H318
Sodium Nitrate	CAS-No.: 7631-99-4 EC-No.: 231-554-3 REACH-no: 01-2119488221-41	< 0.003	Ox. Sol. 3, H272 Eye Irrit. 2, H319
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	CAS-No.: 55965-84-9 EC-No.: 911-418-6 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-48	<0.0015	Acute Tox. 3 (Oral), H301 (ATE=66 mg/kg bodyweight) Acute Tox. 2 (Dermal), H310 (ATE=50 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.05 mg/l/4h) Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)

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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: 01-2119487078-27	(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
Sodium hydroxide	CAS-No.: 1310-73-2 EC-No.: 215-185-5 EC Index-No.: 011-002-00-6 REACH-no: 01-2119457892-27	(0.5 ≤ C < 2) Eye Irrit. 2, H319 (0.5 ≤ C < 2) Skin Irrit. 2, H315 (2 ≤ C < 5) Skin Corr. 1B, H314 (5 ≤ C < 100) Skin Corr. 1A, H314
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone	CAS-No.: 55965-84-9 EC-No.: 911-418-6 EC Index-No.: 613-167-00-5 REACH-no: 01-2120764691-48	(0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 (0.06 ≤ C < 0.6) Skin Irrit. 2, H315 (0.06 ≤ C < 0.6) Eye Irrit. 2, H319 (0.6 ≤ C ≤ 100) Skin Corr. 1C, H314 (0.6 ≤ C ≤ 100) Eye Dam. 1, H318

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

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : 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.  
Symptoms/effects after skin contact : May cause an allergic skin reaction. Itching.  
Symptoms/effects after eye contact : Eye irritation. redness, itching, tears.  
Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting. May cause irritation to the digestive tract.

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

Treat symptomatically. If medical advice is needed, have product container or label at hand.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Do not scatter spilled material with high-pressure water streams.

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

Fire hazard	: Could burn but do not ignite readily.
Explosion hazard	: Product is not explosive. No direct explosion hazard.
Reactivity in case of fire	: Fire could produce a combination of irritating and toxic gases.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide. Nitrogen oxides. Unidentified organic compounds may be formed in fumes and smoke during combustion.

### 5.3. Advice for firefighters

Precautionary measures fire	: Keep container closed when not in use.
Firefighting instructions	: Evacuate area. 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. Cool down the containers exposed to heat with a water spray. Eliminate all ignition sources if safe to do so. Exercise caution when fighting any chemical fire. Fight fire from safe distance and protected location.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: High temperature decomposition products are harmful by inhalation.

## SECTION 6: Accidental release measures

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

General measures	: 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.
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#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protective equipment adapted to the situation (protection gloves, face protection, breathing protection).
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".
Emergency procedures	: Cover spill with non combustible material, e.g.: sand/earth. Do not touch spilled material. Evacuate unnecessary personnel. Keep away from combustible material. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Stop leak if safe to do so. Ventilate spillage area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Harmful to aquatic life with long lasting effects.

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

For containment	: Dike and contain spill. Collect spillage.
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.
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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

Technical measures : Keep in a cool, well-ventilated place away from heat. Store in a well-ventilated place. Keep container tightly closed.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep at temperatures above freezing. Allowing freezing conditions may degrade product.

Incompatible products : Strong acids. Oxidizing agent.

Incompatible materials : Heat sources. Direct sunlight.

Storage temperature : 5 – 35 °C

Heat and ignition sources : Keep away from sources of ignition - No smoking. Protect from light. Store away from direct sunlight or other heat sources.

Information on mixed storage : Store away from foodstuffs.

Storage area : Store away from heat. Store in a well-ventilated place.

Special rules on packaging : Keep only in original container. Store in a closed container.

Packaging materials : Keep only in the original container in a cool, well-ventilated place away from combustible materials.

### 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)	
United Kingdom - Occupational Exposure Limits	
Local name	Aluminium oxides
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> inhalable dust 4 mg/m <sup>3</sup> respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
White mineral oil (petroleum) (8042-47-5)	
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Weißes Mineralöl (Erdöl)
AGW (OEL TWA)	5 mg/m <sup>3</sup> (A)
Peak exposure limitation factor	4(II)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
Switzerland - Occupational Exposure Limits	
Local name	Huile de paraffine / Weissöl, pharmazeutisch
MAK (OEL TWA)	5 mg/m <sup>3</sup> (i) / (e)
Critical toxicity	Poumons / Lunge
Notation	SS <sub>c</sub> / SS <sub>c</sub>
Remark	NIOSH, DFG

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<b>White mineral oil (petroleum) (8042-47-5)</b>	
Regulatory reference	www.suva.ch, 01.01.2023
<b>Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)</b>	
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	200 mg/m <sup>3</sup> (low boiling point Hydrogen treated Naphtha)
<b>Poland - Occupational Exposure Limits</b>	
Local name	Benzyna do lakierów
NDS (OEL TWA)	300 mg/m <sup>3</sup> (varnish)
NDSch (OEL STEL)	900 mg/m <sup>3</sup> (varnish (Benzin))
Regulatory reference	Dz. U. 2018 poz. 1286
<b>Spain - Occupational Exposure Limits</b>	
Local name	White spirit (nafta de petróleo)
VLA-ED (OEL TWA)	290 mg/m <sup>3</sup> (regulated as White spirit) 50 ppm (regulated as White spirit)
VLA-EC (OEL STEL)	580 mg/m <sup>3</sup> (regulated as White spirit) 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 2022. INSHT
<b>Kerosine (petroleum) (8008-20-6)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
Local name	Kerosene, as total hydrocarbon vapor
ACGIH OEL TWA	200 mg/m <sup>3</sup> (P - Application restricted to conditions in which there are negligible aerosol exposures)
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 2023
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	0.05 mg/m <sup>3</sup> (5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-methyl-2,3-dihydroisothiazol-3-one mixture in ratio 3:1)
OEL chemical category	Skin sensitizer

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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)	0.2 mg/m <sup>3</sup> (i) / (e)
KZGW (OEL STEL)	0.4 mg/m <sup>3</sup> (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, 01.01.2023

## Sodium Nitrate (7631-99-4)

### Czech Republic - Occupational Exposure Limits

PEL (OEL TWA)	6 mg/m <sup>3</sup> (dust)
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## Sodium hydroxide (1310-73-2)

### United Kingdom - Occupational Exposure Limits

Local name	Sodium hydroxide
WEL STEL (OEL STEL)	2 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

### Norway - Occupational Exposure Limits

Local name	Natriumhydroksid
Takverdi (OEL C)	2 mg/m <sup>3</sup>
Regulatory reference	FOR-2021-06-28-2248

### Switzerland - Occupational Exposure Limits

Local name	Soude caustique / Natriumhydroxid [Aetznatron]
MAK (OEL TWA)	2 mg/m <sup>3</sup> (i) / (e)
KZGW (OEL STEL)	2 mg/m <sup>3</sup> (i) / (e)
Critical toxicity	VRS, Peau, Yeux / OAW, Haut, Auge
Notation	SS <sub>c</sub> / SS <sub>c</sub>
Remark	NIOSH, OSHA
Regulatory reference	www.suva.ch, 01.01.2023

### USA - ACGIH - Occupational Exposure Limits

Local name	Sodium hydroxide
ACGIH OEL C	2 mg/m <sup>3</sup>
Remark (ACGIH)	TLV® Basis: URT, eye, & skin irr
Regulatory reference	ACGIH 2023

## Glycerol (56-81-5)

### Belgium - Occupational Exposure Limits

Local name	Glycérine (brouillard) # Glycerine (nevel)
OEL TWA	10 mg/m <sup>3</sup>



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Glycerol (56-81-5)	
Regulatory reference	Koninklijk besluit/Arrêté royal 11/05/2021
<b>Czech Republic - Occupational Exposure Limits</b>	
Local name	Glycerol, mlha
PEL (OEL TWA)	10 mg/m <sup>3</sup> 2.6 ppm
NPK-P (OEL C)	15 mg/m <sup>3</sup> 3.9 ppm
Regulatory reference	Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.)
<b>Finland - Occupational Exposure Limits</b>	
Local name	Glyseroli
HTP (OEL TWA)	20 mg/m <sup>3</sup>
Regulatory reference	HTP-ARVOT 2020 (Sosiaali- ja terveystieteiden ministeriö)
<b>France - Occupational Exposure Limits</b>	
Local name	Glycérine (aérosols de)
VME (OEL TWA)	10 mg/m <sup>3</sup>
Remark	Valeurs recommandées/admises
Regulatory reference	Circulaire du Ministère du travail (réf.: INRS ED 6443, 2022; Outil65)
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
Local name	Glycerin
AGW (OEL TWA)	200 mg/m <sup>3</sup> (E)
Peak exposure limitation factor	2(I)
Remark	DFG - Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission); Y - Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden
Regulatory reference	TRGS900
<b>Greece - Occupational Exposure Limits</b>	
Local name	Γλυκερίνη
OEL TWA	10 mg/m <sup>3</sup>
Regulatory reference	Π.Δ. 90/1999 - Προστασία της υγείας των εργαζομένων που εκτίθενται σε ορισμένους χημικούς παράγοντες κατά τη διάρκεια της εργασίας τους
<b>Poland - Occupational Exposure Limits</b>	
Local name	Glicerol
NDS (OEL TWA)	10 mg/m <sup>3</sup> frakcja wdychalna
Remark	Frakcja wdychalna – frakcja aerozolu wnikaćca przez nos i usta, która po zdeponowaniu w drogach oddechowych stwarza zagrożenie dla zdrowia.
Regulatory reference	Dz. U. 2018 poz. 1286 wraz z późn. zm.
<b>Spain - Occupational Exposure Limits</b>	
Local name	Glicerina
VLA-ED (OEL TWA)	10 mg/m <sup>3</sup> nieblas
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2023. INSHT

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Glycerol (56-81-5)	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Glycerol
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> mist
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Sodium Acetate (127-09-3)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup> 4 mg/m <sup>3</sup>
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	3 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>
<b>Isopropanol (67-63-0)</b>	
<b>United Kingdom - Occupational Exposure Limits</b>	
Local name	Propan-2-ol
WEL TWA (OEL TWA)	999 mg/m <sup>3</sup> 400 ppm
WEL STEL (OEL STEL)	1250 mg/m <sup>3</sup> 500 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
<b>Norway - Occupational Exposure Limits</b>	
Local name	2-propanol (Isopropanol)
Grenseverdi (OEL TWA)	245 mg/m <sup>3</sup> 100 ppm
Korttidsverdi (OEL STEL)	306.25 mg/m <sup>3</sup> (value calculated) 125 ppm (value calculated)
Regulatory reference	FOR-2021-06-28-2248
<b>Switzerland - Occupational Exposure Limits</b>	
Local name	2-Propanol / 2-Propanol [iso-Propylalkohol, Isopropanol, Isopropylalkohol]
MAK (OEL TWA)	500 mg/m <sup>3</sup> 200 ppm
KZGW (OEL STEL)	1000 mg/m <sup>3</sup> 400 ppm
Critical toxicity	VRS, Foie, SNC, Yeux / OAW, Leber, ZNS, Auge
Notation	SS <sub>C</sub> , B / SS <sub>C</sub> , B
Remark	INRS, NIOSH
Regulatory reference	www.suva.ch, 01.01.2023
<b>Switzerland - BAT</b>	
Local name	2-Propanol / 2-Propanol

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## Safety Data Sheet (New Zealand)

Isopropanol (67-63-0)	
BAT	25 mg/l (0.4 mmol/l; Paramètre biologique: Acétone; Substrat d'examen: Sang complet; Moment du prélèvement: Fin de l'exposition, de la période de travail.) / (0.4 mmol/l; Biologischer Parameter: Aceton; Untersuchungsmaterial: Vollblut; Probennahmezeitpunkt: Expositionsende, bzw. Schichtende.) 25 mg/l (0.4 mmol/l; Paramètre biologique: Acétone; Substrat d'examen: Urine; Moment du prélèvement: Fin de l'exposition, de la période de travail.) / (0.4 mmol/l; Biologischer Parameter: Aceton; Untersuchungsmaterial: Urin; Probennahmezeitpunkt: Expositionsende, bzw. Schichtende.)
Regulatory reference	Ordonnance 832.30 (OPA), article 50 al. 3, <a href="http://www.suva.ch/valeurs-limites">www.suva.ch/valeurs-limites</a> / Verordnung 832.30 (VUV), Art. 50 Abs. 3, <a href="http://www.suva.ch/grenzwerte">www.suva.ch/grenzwerte</a>
USA - ACGIH - Occupational Exposure Limits	
Local name	2-Propanol
ACGIH OEL TWA	200 ppm
ACGIH OEL STEL	400 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Regulatory reference	ACGIH 2024
USA - ACGIH - Biological Exposure Indices	
Local name	2-Propanol
BEI	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2024

### 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:

Wear recommended personal protective equipment.

#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

Eye protection			
Type	Field of application	Characteristics	Standard
Safety glasses, Safety goggles	Droplet	Clear	EN 166

### 8.2.2.2. Skin protection

#### Skin and body protection:

Use protective clothing

Skin and body protection	
Type	Standard
Disposable coverall	EN 13034, EN ISO 13982

#### Hand protection:

Nitrile rubber gloves. The protective gloves to be used must comply with the specifications of the regulation 2016/425 and the resultant standard ISO 374-1

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Make your own risk assessment and exposure measurements at your work environment. If there is no adequate ventilation or the exposure level exceeds the limit, or if there is any doubt, wear a recommended type of mask or respirator.

Respiratory protection			
Device	Filter type	Condition	Standard
Air-Purifying Respirator (APR), disposable, Air-Purifying Respirator (APR), reusable	Type A - High-boiling (>65 °C) organic compounds	Vapour protection	EN 14387

### 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.

#### Consumer exposure controls:

Hygiene measures. Personal protective equipment. Wash clothing and equipment after handling.

#### Other information:

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

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: white.
Appearance	: Thick liquid.
Odour	: Slight.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: ≈ 0 °C
Boiling point	: > 100 °C
Flammability	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.
Lower explosion limit	: Not applicable.
Upper explosion limit	: Not applicable.

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

Flash point	: > 93 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 10
Viscosity, kinematic	: 30000 mm <sup>2</sup> /s (20°C)
Viscosity, dynamic	: 30000 cP Brookfield Viscosity
Solubility	: Dispersible in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.47
Relative vapour density at 20°C	: Not available
Particle characteristics	: 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 : 166 g/l (11.29%)

## 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

#### Pine oil (8000-41-7)

LD50 oral rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 3000 mg/kg

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

<b>Pine oil (8000-41-7)</b>	
LC50 Inhalation - Rat	> 4.76 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
<b>Aluminium Oxide (1344-28-1)</b>	
LD50 oral rat	> 10000 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 2.3 mg/l air
LC50 Inhalation - Rat (Dust/Mist)	> 2.3 mg/l Source: ECHA
<b>White mineral oil (petroleum) (8042-47-5)</b>	
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)
<b>Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)</b>	
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 -
<b>Kerosine (petroleum) (8008-20-6)</b>	
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 -
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
LD50 oral rat	66 mg/kg bodyweight
LD50 dermal rat	> 1008 mg/kg bodyweight Animal: rat, Guideline: EPA OPP 81-2 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	0.17 mg/l air
<b>Sodium Nitrate (7631-99-4)</b>	
LD50 oral rat	≈ 3430 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	3700 mg/kg
LD50 dermal rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
LD50 oral rat	490 mg/kg bodyweight
LD50 oral	670 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal	4115 mg/kg bodyweight

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
LC50 Inhalation - Rat (Dust/Mist)	100 mg/l
<b>Sodium hydroxide (1310-73-2)</b>	
LD50 dermal rabbit	325 mg/kg Source: ECHA
<b>Glycerol (56-81-5)</b>	
LD50 oral rat	27200 mg/kg bodyweight Animal: rat, Animal sex: female
LC50 Inhalation - Rat	5.85 mg/l air Animal: rat
<b>Sodium Acetate (127-09-3)</b>	
LD50 oral rat	3250 mg/kg bodyweight
LD50 dermal rabbit	> 20000 mg/kg bodyweight Animal: rabbit, Animal sex: female, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5.6 mg/l air Animal: rat, Animal sex: female, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other:, 95% CL: 0,5 -
<b>Isopropanol (67-63-0)</b>	
LD50 oral rat	5840 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 oral	4384 mg/kg
LD50 dermal rabbit	4059 mg/kg
LC50 Inhalation - Rat	72600 mg/m <sup>3</sup> (Exposure time: 4 h)
Skin corrosion/irritation	: Not classified pH: 10
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
pH	3.43 Temp.: 20 °C Concentration: 10 g/L
<b>Sodium Nitrate (7631-99-4)</b>	
pH	7 Temp.: 25 °C Remarks on result: 'other:'
<b>Sodium hydroxide (1310-73-2)</b>	
pH	12 – 14
<b>Glycerol (56-81-5)</b>	
pH	5.5 – 8
<b>Sodium Acetate (127-09-3)</b>	
pH	8.9
Serious eye damage/irritation	: Not classified pH: 10
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
pH	3.43 Temp.: 20 °C Concentration: 10 g/L
<b>Sodium Nitrate (7631-99-4)</b>	
pH	7 Temp.: 25 °C Remarks on result: 'other:'
<b>Sodium hydroxide (1310-73-2)</b>	
pH	12 – 14
<b>Glycerol (56-81-5)</b>	
pH	5.5 – 8

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

<b>Sodium Acetate (127-09-3)</b>	
pH	8.9
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
<b>Isopropanol (67-63-0)</b>	
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified
<b>Pine oil (8000-41-7)</b>	
NOAEL (animal/male, F0/P)	250 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F0/P)	> 250 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Aluminium Oxide (1344-28-1)</b>	
NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
<b>Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)</b>	
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male
<b>Kerosine (petroleum) (8008-20-6)</b>	
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 415 [One-Generation Reproduction Toxicity Study (before 9 October 2017)]
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
NOAEL (animal/female, F0/P)	112 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)
<b>Sodium Acetate (127-09-3)</b>	
NOAEL (animal/female, F1)	≥ 2500 mg/kg bodyweight Animal: rat, Animal sex: female
STOT-single exposure	: Not classified
<b>Pine oil (8000-41-7)</b>	
LOAEL (oral, rat)	> 2000 mg/kg bodyweight
LOAEL (dermal, rat/rabbit)	> 2000 mg/kg bodyweight
NOAEC (inhalation, rat, gas)	2230 mg/l
<b>Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Kerosine (petroleum) (8008-20-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Isopropanol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.



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## Safety Data Sheet (New Zealand)

STOT-repeated exposure : May cause damage to organs (nervous system) through prolonged or repeated exposure (inhalation).

<b>Pine oil (8000-41-7)</b>	
NOAEL (oral, rat, 90 days)	250 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

<b>Aluminium Oxide (1344-28-1)</b>	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.015 mg/l air Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.07 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

<b>White mineral oil (petroleum) (8042-47-5)</b>	
NOAEL (oral, rat, 90 days)	≥ 1200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

<b>Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)</b>	
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight Animal: rat, Animal sex: female
NOAEL (dermal, rat/rabbit, 90 days)	≥ 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEC (inhalation, rat, vapour, 90 days)	≥ 0.024 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
STOT-repeated exposure	Causes damage to organs (central nervous system) through prolonged or repeated exposure (inhalation).

<b>Kerosine (petroleum) (8008-20-6)</b>	
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEL (dermal, rat/rabbit, 90 days)	≥ 495 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal Toxicity: 90-Day Study)
NOAEC (inhalation, rat, vapour, 90 days)	≥ 0.024 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
LOAEL (dermal, rat/rabbit, 90 days)	0.525 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days)

<b>Sodium Nitrate (7631-99-4)</b>	
NOAEL (oral, rat, 90 days)	≥ 1500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Aspiration hazard : Not classified

### FARECLA G3 ADVANCED LIQUID COMPOUND

Viscosity, kinematic	30000 mm <sup>2</sup> /s (20°C)
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<b>Pine oil (8000-41-7)</b>	
Viscosity, kinematic	7.4 mm <sup>2</sup> /s

<b>White mineral oil (petroleum) (8042-47-5)</b>	
Viscosity, kinematic	2 mm <sup>2</sup> /s @ 40°C
Hydrocarbon	Yes

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

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

Viscosity, kinematic	1.2 mm <sup>2</sup> /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm <sup>2</sup> /s)'
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### Sodium hydroxide (1310-73-2)

Viscosity, kinematic	Not applicable
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### Isopropanol (67-63-0)

Viscosity, kinematic	2.658 mm <sup>2</sup> /s
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## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

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

### 11.2.2. Other information

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

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

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.

### Pine oil (8000-41-7)

LC50 - Fish [1]	62 – 80 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
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EC50 - Crustacea [1]	0.634 – 5.2 mg/l
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EC50 72h - Algae [1]	≈ 68 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
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EC50 72h - Algae [2]	≈ 17 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum)
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### Aluminium Oxide (1344-28-1)

LC50 - Fish [1]	0.078 – 0.108 mg/l Source: ECHA
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EC50 72h - Algae [1]	1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
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EC50 72h - Algae [2]	0.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
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EC50 96h - Algae [1]	> 0.024 mg/l Source: ECHA
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### Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)

LC50 - Fish [1]	< 30 mg/l
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EC50 - Crustacea [1]	< 22 mg/l
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EC50 72h - Algae [1]	0.94 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
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EC50 72h - Algae [2]	0.53 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
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EC50 96h - Algae [1]	1.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
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# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

<b>Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)</b>	
EC50 96h - Algae [2]	0.58 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
<b>5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)</b>	
LC50 - Fish [1]	0.19 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
LC50 - Fish [2]	0.28 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	0.16 mg/l Test organisms (species): Daphnia magna
EC50 - Crustacea [2]	0.0052 mg/l (Skeletonema costatum) (OECD 201)
EC50 72h - Algae [1]	0.048 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
ErC50 algae	19.9 µg/l
NOEC (chronic)	0.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.098 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d'
NOEC chronic crustacea	0.004 mg/l 21 d (Daphnia) (OECD 211)
NOEC chronic algae	0.0012 mg/l 72 h (Pseudokirchneriella subcapitata) (OECD 201)
<b>Sodium Nitrate (7631-99-4)</b>	
LC50 - Fish [1]	1559 mg/l Test organisms (species): other:
LC50 - Fish [2]	1354 mg/l Test organisms (species): other:
EC50 - Crustacea [1]	8609 mg/l
<b>1,2-benzisothiazol-3(2H)-one (2634-33-5)</b>	
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]	2.9 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1]	2.94 mg/l waterflea
EC50 - Other aquatic organisms [2]	0.11 mg/l
ErC50 algae	150 µg/l
<b>Sodium hydroxide (1310-73-2)</b>	
LC50 - Fish [1]	125 mg/l
EC50 - Crustacea [1]	40.4 mg/l Test organisms (species): Ceriodaphnia sp.
<b>Glycerol (56-81-5)</b>	
LC50 - Fish [1]	54000 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	> 10000 mg/l
<b>Sodium Acetate (127-09-3)</b>	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	> 919 mg/l Test organisms (species): Daphnia magna
ErC50 algae	> 1000 mg/l

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

Isopropanol (67-63-0)	
LC50 - Fish [1]	10000 mg/l Test organisms (species): Pimephales promelas
LC50 - Fish [2]	9640 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)

### 12.2. Persistence and degradability

FARECLA G3 ADVANCED LIQUID COMPOUND	
Persistence and degradability	Rapidly biodegradable.
Pine oil (8000-41-7)	
Persistence and degradability	.
ThOD	2.9 g O <sub>2</sub> /g substance
Aluminium Oxide (1344-28-1)	
Persistence and degradability	.
White mineral oil (petroleum) (8042-47-5)	
Persistence and degradability	Not rapidly degradable
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, (2-25%) aromatics (64742-88-7)	
Persistence and degradability	Not rapidly degradable
Biodegradation	75 %
Kerosine (petroleum) (8008-20-6)	
Persistence and degradability	Not rapidly degradable
5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)	
Persistence and degradability	.
Sodium Nitrate (7631-99-4)	
Persistence and degradability	.
1,2-benzisothiazol-3(2H)-one (2634-33-5)	
Persistence and degradability	.
Sodium hydroxide (1310-73-2)	
Persistence and degradability	Not rapidly degradable
Glycerol (56-81-5)	
Persistence and degradability	.
Biochemical oxygen demand (BOD)	0.87 g O <sub>2</sub> /g substance
Chemical oxygen demand (COD)	1.16 g O <sub>2</sub> /g substance
ThOD	1.217 g O <sub>2</sub> /g substance
Sodium Acetate (127-09-3)	
Persistence and degradability	.
Chemical oxygen demand (COD)	0.675 g O <sub>2</sub> /g substance

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

### Isopropanol (67-63-0)

Persistence and degradability	Rapidly degradable
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### 12.3. Bioaccumulative potential

#### FARECLA G3 ADVANCED LIQUID 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
Bioconcentration factor (BCF REACH)	3.6 (calculated) S 1177
Partition coefficient n-octanol/water (Log Pow)	-0.32 – 0.7

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

Partition coefficient n-octanol/water (Log Pow)	-3.8
-------------------------------------------------	------

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

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

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

Partition coefficient n-octanol/water (Log Pow)	-3.88 Source: SRC
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### Glycerol (56-81-5)

Partition coefficient n-octanol/water (Log Pow)	-1.75
-------------------------------------------------	-------

### Sodium Acetate (127-09-3)

Partition coefficient n-octanol/water (Log Pow)	-3.7
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### Isopropanol (67-63-0)

Partition coefficient n-octanol/water (Log Pow)	0.05 (at 25 °C)
Partition coefficient n-octanol/water (Log Kow)	0.05

### 12.4. Mobility in soil

#### FARECLA G3 ADVANCED LIQUID COMPOUND

Ecology - soil	Readily absorbed into soil.
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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
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0.97

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

### Glycerol (56-81-5)

Surface tension 63.4 mN/m

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 0

### Sodium Acetate (127-09-3)

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 0

## 12.5. Results of PBT and vPvB assessment

### FARECLA G3 ADVANCED LIQUID 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

### Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII Pine oil (8000-41-7), Aluminium Oxide (1344-28-1), 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)<sup>(1)</sup>, Sodium Nitrate (7631-99-4)<sup>(1)</sup>, 1,2-benzisothiazol-3(2H)-one (2634-33-5)<sup>(1)</sup>, Glycerol (56-81-5), Sodium Acetate (127-09-3)<sup>(1)</sup>

Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII Pine oil (8000-41-7), Aluminium Oxide (1344-28-1), 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone (55965-84-9)<sup>(1)</sup>, Sodium Nitrate (7631-99-4)<sup>(1)</sup>, 1,2-benzisothiazol-3(2H)-one (2634-33-5)<sup>(1)</sup>, Glycerol (56-81-5), Sodium Acetate (127-09-3)<sup>(1)</sup>

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

## 12.6. Endocrine disrupting properties

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

## 12.7. Other adverse effects

Other adverse effects : No additional information available.  
Additional information : No other effects known

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Completely empty the packaging prior to decontamination. Clean with water. Comply with applicable regulations for solid waste disposal. Recycle or dispose of in compliance with current legislation.  
Ecological information : Avoid release to the environment.  
European List of Waste (LoW, EC 2000/532) : 08 04 12 - adhesive and sealant sludges other than those mentioned in 08 04 11  
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.  
HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment

### Denmark

Hazardous Waste Group : H - Waste with low energy content

# FARECLA G3 ADVANCED LIQUID COMPOUND

Safety Data Sheet (New Zealand)

## SECTION 14: Transport information

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

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

## 14.6. Special precautions for user

### Overland transport

Not regulated

### Transport by sea

Not regulated

### Air transport

Not regulated

### Inland waterway transport

Not regulated

### Rail transport

Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. New Zealand Regulation

This mixture is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017. New Zealand Legislation: HSNO Classifications: 6.5B, 6.9B, 9.1C. HSNO Group Standard: HSR002530 - Cleaning products subsidiary.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

### SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Revision date	Modified	
	Supersedes version of	Modified	
	Adverse health effects caused by endocrine disrupting properties	Added	
1.1	UFI on SDS 1.1	Added	
1.1	Other means of identification	Modified	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after inhalation	Modified	
4.3	Other medical advice or treatment	Modified	
5.2	Reactivity in case of fire	Modified	
5.2	Explosion hazard	Modified	
5.2	Fire hazard	Modified	
5.2	Hazardous decomposition products in case of fire	Modified	
5.3	Other information	Added	
5.3	Firefighting instructions	Modified	
6.1	Emergency procedures	Added	
6.1	Protective equipment	Added	
6.2	Environmental precautions	Modified	
6.3	For containment	Modified	
7.2	Packaging materials	Added	
7.2	Heat and ignition sources	Added	
7.2	Technical measures	Added	
7.2	Storage temperature	Added	
7.2	Incompatible materials	Modified	
8.2	Consumer exposure controls	Added	
8.2	Hand protection	Modified	
8.2	Skin and body protection	Modified	
8.2	Personal protective equipment	Modified	
8.2	Eye protection	Modified	
9.2	VOC content	Modified	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	
12.7	Other adverse effects	Added	
13.1	Ecological information	Added	
13.1	Product/Packaging disposal recommendations	Added	
13.1	European List of Waste (LoW, EC 2000/532)	Added	



# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

Indication of changes			
Section	Changed item	Change	Comments
15.1	VOC content	Modified	

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
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 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

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

Full text of H- and EUH-statements:	
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. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H225	Highly flammable liquid and vapour.
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. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 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

The classification complies with : ATP 12

# FARECLA G3 ADVANCED LIQUID COMPOUND

## Safety Data Sheet (New Zealand)

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Safety Data Sheet (SDS), NZ

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