

Safety Data Sheet

according to 1907/2006/EC, 1272/2008/EC, and 2015/830/EC

Printing date: 25 October 2018

Revision: 25 October 2018

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

· **1.1 Product identifier**

- Trade name: **Fresh Cotton**
- Product code: FR9194

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

- Application of the substance / the mixture: Fragrance
- Uses advised against: No further relevant information available.

· **1.3 Details of the supplier of the Safety Data Sheet**

- Manufacturer/Supplier:
FRSH SCENTS LIMITED
RM603, 6/F HANG PONT, COMMERCIAL BUILDING
31 TONKIN STREET, CHEUNG SHA WAN, KL
HONG KONG
TEL +86-769-882 88882

· **1.4 Emergency telephone number:**

- ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

- | | | |
|-------------------|--------|---|
| Skin Irrit. 2 | H315 | Causes skin irritation. |
| Eye Irrit. 2 | H319 | Causes serious eye irritation. |
| Skin Sens. 1 | H317 | May cause an allergic skin reaction. |
| Repr. 1A | H360Df | May damage the unborn child. Suspected of damaging fertility. |
| Asp. Tox. 1 | H304 | May be fatal if swallowed and enters airways. |
| Aquatic Chronic 2 | H411 | Toxic to aquatic life with long lasting effects. |

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

- The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS07 GHS08 GHS09

· **Signal word** Danger

· **Hazard-determining components of labelling:**

- Alkanes, C13-16-iso-
- alpha-Hexylcinnamaldehyde
- p-t-Butyl-alpha-methylhydrocinnamic aldehyde
- Eugenol
- 4-tert-butylcyclohexyl acetate

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Linalool
Benzyl salicylate
(R)-p-mentha-1,8-diene
Coumarin
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H360Df May damage the unborn child. Suspected of damaging fertility.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.
P261 Avoid breathing mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P308+P313 If exposed or concerned: Get medical advice/attention.

Additional information:

Restricted to professional users.

Labelling of packages where the contents do not exceed 125 ml

Hazard pictograms



GHS07 GHS08 GHS09

Signal word Danger

Hazard-determining components of labelling:

Alkanes, C13-16-iso-
alpha-Hexylcinnamaldehyde
p-t-Butyl-alpha-methylhydrocinnamic aldehyde
Eugenol
4-tert-butylcyclohexyl acetate
Linalool
Benzyl salicylate
(R)-p-mentha-1,8-diene
Coumarin
3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde

Hazard statements

H317 May cause an allergic skin reaction.
H360 May damage fertility or the unborn child.
H304 May be fatal if swallowed and enters airways.

Precautionary statements

P261 Avoid breathing mist/vapours/spray.
P280 Wear protective gloves / eye protection.

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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P331 Do NOT induce vomiting.
 P308+P313 If exposed or concerned: Get medical advice/attention.

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- **2.3 Other hazards** There are no other hazards not otherwise classified that have been identified.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Components:**

CAS: 68551-20-2 EINECS: 271-370-0	Alkanes, C13-16-iso- ⚠ Asp. Tox. 1, H304	40-60%
CAS: 101-86-0 EINECS: 202-983-3	alpha-Hexylcinnamaldehyde ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411 ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317	10-20%
CAS: 78-70-6 EINECS: 201-134-4	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-10%
CAS: 97-53-0 EINECS: 202-589-1	Eugenol ⚠ Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-10%
CAS: 80-54-6 EINECS: 201-289-8	p-t-Butyl-alpha-methylhydrocinnamic aldehyde ⚠ Repr. 1A, H360Df ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317 Aquatic Chronic 3, H412	1-10%
CAS: 140-11-4 EINECS: 205-399-7	Benzyl acetate Aquatic Chronic 3, H412	1-10%
CAS: 32210-23-4 EINECS: 250-954-9	4-tert-butylcyclohexyl acetate ⚠ Skin Sens. 1B, H317	1-10%
CAS: 1506-02-1 EINECS: 244-240-6	1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl) ethan-1-one (Fixolid) ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Acute Tox. 4, H302	1-10%
CAS: 88-41-5 EINECS: 201-828-7	2-tert-butylcyclohexyl acetate ⚠ Aquatic Chronic 2, H411	1-10%
CAS: 5989-27-5 EINECS: 227-813-5 Index number: 601-029-00-7 Reg.nr.: 01-2119529223-47-XXXX	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0-1%
CAS: 91-64-5 EINECS: 202-086-7	Coumarin ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 ⚠ Aquatic Chronic 2, H411	0-1%

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	⚠ Skin Sens. 1, H317	
CAS: 127-51-5 EINECS: 204-846-3	alpha-iso-Methylionone ⚠ Aquatic Chronic 2, H411	0-1%
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5 Reg.nr.: 01-2119492630-38-XXXX	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	0-1%
CAS: 31906-04-4 EINECS: 250-863-4 Index number: 605-040-00-8	3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde ⚠ Skin Sens. 1A, H317	0-1%
CAS: 118-58-1 EINECS: 204-262-9	Benzyl salicylate ⚠ Eye Irrit. 2, H319; Skin Sens. 1B, H317 Aquatic Chronic 3, H412	0-1%
CAS: 106-24-1 EINECS: 203-377-1	Geraniol ⚠ Eye Dam. 1, H318 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	0-1%

Additional information:

For the listed ingredient(s), the identity and/or exact percentages are being withheld as a trade secret.
For the wording of the listed Hazard Statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.

After inhalation:

Supply fresh air.
Provide oxygen treatment if affected person has difficulty breathing.
If experiencing respiratory symptoms: Call a doctor.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.
If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
A person vomiting while lying on their back should be turned onto their side.

4.2 Most important symptoms and effects, both acute and delayed

Breathing difficulty
Coughing
Allergic reactions
Irritant to skin and mucous membranes.
Causes eye irritation.

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Gastric or intestinal disorders when ingested.
Nausea in case of ingestion.
Causes skin irritation.

Hazards:

May be harmful if swallowed.
Danger of impaired breathing.
May be fatal if swallowed and enters airways.

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.
Medical supervision for at least 48 hours.
If necessary oxygen respiration treatment.
Later observation for pneumonia and pulmonary oedema.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
Contains Geraniol, alpha-Hexylcinnamaldehyde, Eugenol, Coumarin, p-t-Butyl-alpha-methylhydrocinnamic aldehyde, 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde, Benzyl salicylate, (R)-p-mentha-1,8-diene, 4-tert-butylcyclohexyl acetate. May produce an allergic reaction.
If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Gaseous extinguishing agents
Carbon dioxide
Fire-extinguishing powder
Foam
Water haze or fog

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Combustible liquid.
Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.
Wear fully protective suit.

Additional information:

In case of leakage, eliminate all ignition sources.
Use large quantities of foam as it is partially destroyed by the product.
Cool endangered receptacles with water fog or haze.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation
Keep away from ignition sources.

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6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of aerosols.
Avoid splashes or spray in enclosed areas.
Use only in well ventilated areas.

Information about fire - and explosion protection:

Combustible liquid.
Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

Respiratory protection:

Not required under normal conditions of use.
Use suitable respiratory protective device when high concentrations are present.

Protection of hands:

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Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· **Material of gloves**

- Nitrile rubber, NBR
- Natural rubber, NR
- Neoprene gloves
- Butyl rubber, BR

· **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

- **Body protection:** Protection may be required for spills.
- **Limitation and supervision of exposure into the environment:**
No further relevant information available.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **Appearance**

- **Form:** Liquid
- **Colour:** According to product specification
- **Odour:** Pleasant
- **Odour threshold:** Not determined.

- **pH-value:** Not determined.
- **Melting point/freezing point:** Not determined.
- **Initial boiling point and boiling range:** Not determined.

- **Flash point:** 75 °C

- **Flammability (solid, gas):** Not applicable.

- **Auto/Self-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Explosive properties:** Not determined.

· **Explosion limits**

- **Lower:** Not determined.
- **Upper:** Not determined.
- **Oxidising properties** Not determined.

- **Vapour pressure:** Not determined.

- **Density at 20 °C:** 0,88-0,9 g/cm³
- **Relative density:** Not determined.
- **Vapour density:** Not determined.

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- **Evaporation rate:** Not determined.
- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**
Combustible liquid.
Reacts with strong oxidising agents.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
Toxic fumes may be released if heated above the decomposition point.
- **10.4 Conditions to avoid** Keep ignition sources away - Do not smoke.
- **10.5 Incompatible materials** Oxidising agents
- **10.6 Hazardous decomposition products**
Under fire conditions only:
Carbon monoxide and carbon dioxide
Nitrogen oxides

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

ATE (Acute Toxicity Estimates)

Oral	LD50	>3.900 mg/kg (rat)
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68551-20-2 Alkanes, C13-16-iso-

Oral	LD50	>10.000 mg/kg (rat)
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101-86-0 alpha-Hexylcinnamaldehyde

Oral	LD50	3.100 mg/kg (rat)
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1506-02-1 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)

Oral	LD50	920 mg/kg (rat)
------	------	-----------------

80-54-6 p-t-Butyl-alpha-methylhydrocinnamic aldehyde

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Oral	LD50	1.390 mg/kg (rat)
32210-23-4 4-tert-butylcyclohexyl acetate		
Oral	LD50	5.000 mg/kg (rat)
88-41-5 2-tert-butylcyclohexyl acetate		
Oral	LD50	4.600 mg/kg (rat)
5989-27-5 (R)-p-mentha-1,8-diene		
Oral	LD50	>2.000 mg/kg (rat, female)
91-64-5 Coumarin		
Oral	LD50	293 mg/kg (rat)
Dermal	LD50	293 mg/kg (rat)
127-51-5 alpha-iso-Methylionone		
Oral	LD50	>5.000 mg/kg (rat)
100-51-6 Benzyl alcohol		
Oral	LD50	1.230 mg/kg (rat)
Dermal	LD50	2.000 mg/kg (rabbit)

- **Primary irritant effect**
- **Skin corrosion/irritation:**
Causes skin irritation.
- **Serious eye damage/irritation:**
Causes serious eye irritation.
- **Respiratory or skin sensitisation:**
May cause an allergic skin reaction.

· **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

· **Probable routes of exposure:**

- Ingestion.
- Inhalation.
- Eye contact.
- Skin contact.

· **Acute effects (acute toxicity, irritation and corrosivity):**

- Irritating to eyes and skin.
- May be fatal if swallowed and enters airways.

· **Repeated dose toxicity:**

- Sensitising effect by skin contact is possible by prolonged exposure.
- May damage fertility or the unborn child.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:**

- May damage the unborn child. Suspected of damaging fertility.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:**

- May be fatal if swallowed and enters airways.

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SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Toxic for aquatic organisms

101-86-0 alpha-Hexylcinnamaldehyde

LC50	0,621 mg/l (daphnia) (48-hour ECOSAR estimation)
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32210-23-4 4-tert-butylcyclohexyl acetate

LC50	8,6 mg/l (Cyp)
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5989-27-5 (R)-p-mentha-1,8-diene

LC50	<1 mg/l (pimephales promelas)
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EC50	0,307 mg/l (daphnia)
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127-51-5 alpha-iso-Methylionone

EC50 (static)	1,45 mg/l (daphnia)
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100-51-6 Benzyl alcohol

LC50	460 mg/l (pimephales promelas)
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· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · DOT · ADR, IMDG, IATA 	<p>Not Regulated UN3082</p>
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · DOT · ADR, IMDG, IATA 	<p>Not Regulated ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (alpha-Hexylcinnamaldehyde, 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid))</p>
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · DOT · Class 	<p>Not Regulated</p>
<ul style="list-style-type: none"> · ADR  <ul style="list-style-type: none"> · Class · Label 	<p>9 (M6) 9</p>
<ul style="list-style-type: none"> · IMDG, IATA  <ul style="list-style-type: none"> · Class · Label 	<p>9 9</p>
<ul style="list-style-type: none"> · 14.4 Packing group · DOT · ADR, IMDG, IATA 	<p>Not Regulated III</p>
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: 	<p>Product contains environmentally hazardous substances: alpha-Hexylcinnamaldehyde, 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid) Symbol (fish and tree)</p>
<ul style="list-style-type: none"> · 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: 	<p>Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F</p>
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 	<p>Not applicable.</p>
<ul style="list-style-type: none"> · Transport/Additional information: 	<p>Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for</p>

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· **DOT**
· **Remarks:**

liquids or 5 kg or less for solids per the following:
ADR: SP 375
IMDG: 2.10.2.7
IATA: special provision A197

Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

SECTION 15: Regulatory information

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

· **IARC (International Agency for Research on Cancer)**

None of the ingredients are listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients are listed.

· **Seveso category E2** Hazardous to the Aquatic Environment

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **National regulations:**

· **Water hazard class:** Water hazard class 3: extremely hazardous for water.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients are listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.

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- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H332 Harmful if inhaled.
- H360Df May damage the unborn child. Suspected of damaging fertility.
- 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.

Abbreviations and acronyms:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bio-accumulable, Toxic
- SVHC: Substances of Very High Concern
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- Skin Sens. 1B: Skin sensitisation – Category 1B
- Repr. 1A: Reproductive toxicity – Category 1A
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

- Website, European Chemicals Agency (echa.europa.eu)
- Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)
- Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)
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