

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: **Woodland Strawberry**

Product code: FR9330

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

Flam. Liq. 3 H226 Flammable liquid and vapour.

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.

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



GHS02 GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:

Ethyl methylphenylglycidate

dl-Citronellol

Linalool

Linalyl acetate

(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one

(R)-p-mentha-1,8-diene

neryl acetate

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Hazard statements

- H226 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P102 Keep out of reach of children.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing mist/vapours/spray.
- P273 Avoid release to the environment.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P403+P235 Store in a well-ventilated place. Keep cool.

Labelling of packages where the contents do not exceed 125 ml

Hazard pictograms



GHS02 GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:

- Ethyl methylphenylglycidate
- dl-Citronellol
- Linalool
- Linalyl acetate
- (E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one
- (R)-p-mentha-1,8-diene
- neryl acetate

Hazard statements

- H317 May cause an allergic skin reaction.

Precautionary statements

- P261 Avoid breathing mist/vapours/spray. P280 Wear protective gloves / eye protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components:

CAS: 77-83-8 EINECS: 201-061-8 Reg.nr.: 01-2119967770-28-XXXX	Ethyl methylphenylglycidate ⚠ Aquatic Chronic 2, H411 ⚠ Skin Sens. 1B, H317	10-20%
CAS: 106-22-9 EINECS: 203-375-0	dl-Citronellol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	1-10%
CAS: 60-12-8 EINECS: 200-456-2 Reg.nr.: 01-2119963921-31-XXXX	Phenethyl alcohol ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	1-10%
CAS: 134-20-3 EINECS: 205-132-4	Methyl anthranilate ⚠ Eye Irrit. 2, H319	1-10%
CAS: 140-11-4 EINECS: 205-399-7	Benzyl acetate Aquatic Chronic 3, H412	1-10%
CAS: 78-70-6 EINECS: 201-134-4	Linalool ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-10%
CAS: 115-95-7 EINECS: 204-116-4	Linalyl acetate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317	1-10%
CAS: 119-61-9 EINECS: 204-337-6	benzophenone ⚠ STOT RE 2, H373 ⚠ Aquatic Acute 1, H400 Aquatic Chronic 3, H412	1-10%
CAS: 14901-07-6 EINECS: 238-969-9	beta-Ionone ⚠ Aquatic Chronic 2, H411	1-10%
CAS: 123-66-0 EINECS: 204-640-3	Ethyl hexanoate ⚠ Flam. Liq. 3, H226 ⚠ Skin Irrit. 2, H315	0-1%
CAS: 108-64-5 EINECS: 203-602-3	Ethyl isovalerate ⚠ Flam. Liq. 3, H226 ⚠ Skin Irrit. 2, H315	0-1%
CAS: 105-37-3 EINECS: 203-291-4 Index number: 607-028-00-8 Reg.nr.: 01-2120763024-62-XXXX	ethyl propionate ⚠ Flam. Liq. 2, H225 ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0-1%
CAS: 7452-79-1 EINECS: 231-225-4	ethyl 2-methylbutyrate ⚠ Flam. Liq. 3, H226	0-1%
CAS: 121-32-4 EINECS: 204-464-7	Ethyl vanillin ⚠ Eye Irrit. 2, H319	0-1%
CAS: 24720-09-0 EINECS: 246-430-4 Reg.nr.: 01-2120105799-47-XXXX	(E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one ⚠ Aquatic Chronic 2, H411 ⚠ Acute Tox. 4, H302; Skin Sens. 1, H317	0-1%

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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: 127-51-5 EINECS: 204-846-3	alpha-iso-Methylionone Aquatic Chronic 2, H411	0-1%
CAS: 106-27-4 EINECS: 203-380-8	Isoamyl butyrate Flam. Liq. 3, H226 Aquatic Chronic 2, H411	0-1%
CAS: 1365-19-1 EINECS: 215-723-9	linalool oxide Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	0-1%
CAS: 101-84-8 EINECS: 202-981-2	Diphenyl ether Aquatic Chronic 2, H411 Eye Irrit. 2, H319	0-1%
CAS: 119-36-8 EINECS: 204-317-7 Reg.nr.: 01-2119515671-44-XXXX	Methyl salicylate Acute Tox. 4, H302	0-1%
CAS: 141-12-8 EINECS: 205-459-2	neryl acetate Skin Sens. 1B, H317	0-1%
CAS: 103-45-7 EINECS: 203-113-5	Phenethyl acetate Eye Dam. 1, H318	0-1%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119480433-40-XXXX 01-2119555270-46-XXXX	Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0-1%
CAS: 121-33-5 EINECS: 204-465-2 Reg.nr.: 01-2119516040-60-XXXX	Vanillin Eye Irrit. 2, H319	0-1%
CAS: 4940-11-8 EINECS: 225-582-5	Ethyl maltol Acute Tox. 4, H302	0-1%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	0-1%
CAS: 80-26-2 EINECS: 201-265-7	alpha-Terpineol acetate Aquatic Chronic 2, H411	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.
- After inhalation:** Supply fresh air; consult doctor in case of complaints.
- After skin contact:**

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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.

· **4.2 Most important symptoms and effects, both acute and delayed**

Allergic reactions

Irritant to skin and mucous membranes.

Causes eye irritation.

Causes skin irritation.

· **Hazards:** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

Medical supervision for at least 48 hours.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

Contains Ethyl methylphenylglycidate, dl-Citronellol, (E)-1-(2,6,6-trimethyl-2-cyclohexen-1-yl)-2-buten-1-one, (R)-p-mentha-1,8-diene. 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:**

Foam

Gaseous extinguishing agents

Carbon dioxide

Fire-extinguishing powder

Water haze or fog

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **5.2 Special hazards arising from the substance or mixture**

Flammable liquid and vapour.

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.

Cool endangered receptacles with water fog or haze.

Use large quantities of foam as it is partially destroyed by the product.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

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Keep away from ignition sources.

Protect from heat.

For large spills, wear protective clothing.

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Do not allow product to reach sewage system or any water course.

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:

Keep ignition sources away - Do not smoke.

Flammable gas-air mixtures may form in empty receptacles.

Flammable liquid and vapour.

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.

Store away from oxidising agents.

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:

140-11-4 Benzyl acetate

OEL (Ireland)	Long-term value: 10 ppm
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101-84-8 Diphenyl ether

IOELV (EU)	Short-term value: 14 mg/m ³ , 2 ppm
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	Long-term value: 7 mg/m ³ , 1 ppm
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WEL (Great Britain)	Short-term value: 14 mg/m ³ , 2 ppm
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	Long-term value: 7 mg/m ³ , 1 ppm
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OEL (Ireland)	Short-term value: 14 mg/m ³ , 2 ppm Long-term value: 7 mg/m ³ , 1 ppm IOELV
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128-37-0 Butylated hydroxytoluene

WEL (Great Britain) Long-term value: 10 mg/m³

OEL (Ireland) Long-term value: 2 mg/m³

123-86-4 n-butyl acetate

WEL (Great Britain) Short-term value: 966 mg/m³, 200 ppm

Long-term value: 724 mg/m³, 150 ppm

OEL (Ireland) Short-term value: 950 mg/m³, 200 ppm

Long-term value: 710 mg/m³, 150 ppm

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.

Protection of hands:



Protective gloves

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

Eye protection:



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment:

No further relevant information available.

Risk management measures: 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.

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· pH-value:	Not determined.
· Melting point/freezing point:	Not determined.
· Initial boiling point and boiling range:	Not determined.
· Flash point:	45-60 °C (Estimated Range)
· Flammability (solid, gas):	Not applicable.
· Auto/Self-ignition temperature:	>260 °C
· Decomposition temperature:	Not determined.
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits Lower:	Not determined.
Upper:	Not determined.
· Oxidising properties	Not determined.
· Vapour pressure:	Not determined.
· Density:	Not determined.
· Relative density:	Not determined.
· Vapour density:	Not determined.
· 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**
Flammable liquid and vapour.
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.
- **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

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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 >5000 mg/kg (nsp)

Dermal LD50 >5000 mg/kg (nsp)

77-83-8 Ethyl methylphenylglycidate

Oral LD50 3540-4620 mg/kg (rat)

103-37-7 benzyl butyrate

Oral LD50 2330 mg/kg (rat)

Dermal LD50 >5000 mg/kg (rabbit)

106-22-9 dl-Citronellol

Oral LD50 3450 mg/kg (rat)

Dermal LD50 2650 mg/kg (rabbit)

5471-51-2 4-(p-Hydroxyphenyl)-2-butanone

Oral LD50 1320 mg/kg (rat)

119-61-9 benzophenone

Oral LD50 >10000 mg/kg (rat)

Dermal LD50 3535 mg/kg (rabbit)

14901-07-6 beta-Ionone

Oral LD50 4590 mg/kg (rat)

5989-27-5 (R)-p-mentha-1,8-diene

Oral LD50 >2000 mg/kg (rat, female)

127-51-5 alpha-iso-Methylionone

Oral LD50 >5000 mg/kg (rat)

1365-19-1 linalool oxide

Oral LD50 1150 mg/kg (rat)

101-84-8 Diphenyl ether

Oral LD50 3370 mg/kg (rat)

119-36-8 Methyl salicylate

Oral LD50 887 mg/kg (rat)

128-37-0 Butylated hydroxytoluene

Oral LD50 >6000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

4940-11-8 Ethyl maltol

Oral LD50 1150 mg/kg (rat)

80-26-2 alpha-Terpineol acetate

Oral LD50 4160-6190 mg/kg (rat)

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- **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):**

119-61-9 benzophenone

2B

· **Probable routes of exposure:**

Ingestion.
Inhalation.
Eye contact.
Skin contact.

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

SECTION 12: Ecological information

12.1 Toxicity

· **Aquatic toxicity:**

Toxic for aquatic organisms

77-83-8 Ethyl methylphenylglycidate

LC50 4,2 mg/l (Oncorhynchus mykiss) (96h OECD Guideline 203)

5989-27-5 (R)-p-mentha-1,8-diene

LC50 <1 mg/l (pimephales promelas)

EC50 0,307 mg/l (daphnia)

127-51-5 alpha-iso-Methylionone

EC50 (static) 1,45 mg/l (daphnia)

128-37-0 Butylated hydroxytoluene

LC50 1,1 mg/l (fish)

EC50 0,48 mg/l (daphnia)

80-26-2 alpha-Terpineol acetate

LC50 >11 mg/l (pimephales promelas)

- **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.

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- **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**
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.

SECTION 14: Transport information

- | | |
|---|----------------------------|
| · 14.1 UN-Number | |
| · DOT | Not Regulated |
| · ADR, IMDG, IATA | UN1169 |
| · 14.2 UN proper shipping name | |
| · DOT | Not Regulated |
| · ADR, IMDG, IATA | EXTRACTS, AROMATIC, LIQUID |
| · 14.3 Transport hazard class(es) | |
| · DOT | |
| · Class | Not Regulated |
| · ADR | |
|  | |
| · Class | 3 (F1) |
| · Label | 3 |
| · IMDG, IATA | |
|  | |
| · Class | 3 |
| · Label | 3 |
| · 14.4 Packing group | |
| · DOT | Not Regulated |
| · ADR, IMDG, IATA | III |

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14.5 Environmental hazards:

Product contains environmentally hazardous substances: Ethyl methylphenylglycidate, d-limonene

Marine pollutant:



Yes

14.6 Special precautions for user

Warning: Flammable liquids.

Danger code (Kemler):

30

EMS Number:

F-E,S-D

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information:

DOT

Remarks:

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.

ADR



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 5.2.1.8.1)

IMDG



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)

IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each / 10 L net.

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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)

119-61-9 benzophenone

2B

Directive 2012/18/EU

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

Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

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 2: 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

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation. H335

May cause respiratory irritation. H336 May cause drowsiness or dizziness.

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.

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

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Safety Data Sheet

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

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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. 2: Flammable liquids – Category 2
Flam. Liq. 3: Flammable liquids – 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. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
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

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Safety Data Sheets, Individual Manufacturers

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