



Cranberry Wreath #TCDL-CFRA-BOWL-NCRW

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Product name : Cranberry Wreath #TCDL-CFRA-BOWL-NCRW
UFI : TA5P-S17N-H003-XVG8
Product code : TCDL-CFRA-BOWL-NCRW
Type of product : Perfumes, Fragrances
Product group : Finished Good

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Perfumes, Fragrances
Function or use category : Odour agents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

The Cosy Owl
20-28 Albert Road,
Braintree,
Essex CM7 3JQ
Tel: +44 1376 560 348
enquiries@cosyowl.com – www.cosyowl.com
Company registration number: 07738645

1.4. Emergency telephone number

Emergency number: +44 1376 560 348

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral) Category H302
4
Skin sensitization, Category H317
1
Hazardous to the aquatic H411
environment - Chronic
Hazard Category 2

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Harmful if swallowed. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Warning

Hazardous ingredients :

Benzyl benzoate; Lemon oil ; Amyl cinnamic aldehyde; Linalool; Isocyclocitral; Damascone Beta; delta-Damascone; Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0); Neryl acetate; Coumarin crystals; Geraniol; Methyl isoeugenol; Aldehyde C-16

Hazard statements (CLP) :

H302 - Harmful if swallowed

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| | |
|--------------------------------|---|
| Precautionary statements (CLP) | H317 - May cause an allergic skin reaction H411 - Toxic to aquatic life with long lasting effects : P264 - Wash hands thoroughly after handling P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear eye protection, protective clothing, protective gloves. |
|--------------------------------|---|

2.3. Other hazards

No additional information available

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] |
|--|--|---------------|--|
| Benzyl benzoate | (CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9 (REACH-no) 01-2119976371-33 | 39.15 - 59.15 | Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411 |
| Aldehyde C-16 | (CAS-No.) 77-83-8 (EC-No.) 201-061-8 (REACH-no) 01-2119967770-28 | 7.5 - 15 | Aquatic Chronic 2, H411 Skin Sens. 1B, H317 |
| methyl anthranilate | (CAS-No.) 134-20-3 (EC-No.) 205-132-4 | 1.25 - 2.5 | Eye Irrit. 2, H319 |
| Aldehyde C-14 | (CAS-No.) 104-67-6 (EC-No.) 203-225-4 (REACH-no) 01-2119959333-34 | 1.2 - 2.4 | Aquatic Chronic 3, H412 |
| Lemon oil | (CAS-No.) 8008-56-8 (EC-No.) 284-515-8;616-925-3 | 1 - 2 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 |
| beta-Ionone | (CAS-No.) 14901-07-6 (EC-No.) 238-969-9 | 1 - 2 | Aquatic Chronic 2, H411 |
| alpha-Ionone | (CAS-No.) 127-41-3 (EC-No.) 204-841-6 (REACH-no) 01-2119965149-27 | 0.875 - 1.75 | Aquatic Chronic 3, H412 |
| Benzyl acetate | (CAS-No.) 140-11-4 (EC-No.) 205-399-7 (REACH-no) 01-2119638272-42 | 0.6 - 1.2 | Aquatic Chronic 3, H412 |
| Verdox | (CAS-No.) 88-41-5 (EC-No.) 201-828-7 (REACH-no) 01-2119970713-33 | 0.5 - 1 | Aquatic Chronic 2, H411 |
| Ethyl caproate | (CAS-No.) 123-66-0 (EC-No.) 204-640-3 | 0.5 - 1 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 |
| Benzene carboxaldehyde | (CAS-No.) 100-52-7 (EC-No.) 202-860-4 (EC Index-No.) 605-012-00-5 (REACH-no) 01-2119455540-44 | 0.5 - 1 | Acute Tox. 4 (Oral), H302 |
| Oxypheylon (Raspberry ketone) crystals | (CAS-No.) 5471-51-2 (EC-No.) 226-806-4 | 0.5 - 1 | Acute Tox. 4 (Oral), H302 |
| Amyl cinnamic aldehyde | (CAS-No.) 122-40-7 (EC-No.) 204-541-5;453-530-3 | 0.25 - 0.5 | Skin Sens. 1B, H317 Aquatic Chronic 2, H411 |
| Methyl isoeugenol | (CAS-No.) 93-16-3 (EC-No.) 202-224-6 | 0.25 - 0.5 | Skin Sens. 1B, H317 |
| Linalool | (CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603-235-00-2 (REACH-no) 01-2119474016-42 | 0.15 - 0.3 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Hexyl benzoate | (CAS-No.) 6789-88-4 (EC-No.) 229-856-5 | 0.1 - 0.2 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Isoamyl acetate substance with a Community workplace exposure limit | (CAS-No.) 123-92-2 (EC-No.) 204-662-3 (EC Index-No.) 607-130-00-2 | 0.1 - 0.2 | Flam. Liq. 3, H226 |
| Ethyl acetate substance with a Community workplace exposure limit | (CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 (REACH-no) 01-2119475103-46 | 0.1 - 0.2 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

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|---|---|------------|---|
| Coumarin crystals | (CAS-No.) 91-64-5 (EC-No.) 202-086-7 (REACH-no) 01-2119943756-26 | 0.1 - 0.2 | Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411 |
| Geraniol | (CAS-No.) 106-24-1 (EC-No.) 203-377-1 | 0.1 - 0.2 | Eye Dam. 1, H318 Skin Irrit. 2, H315 Skin Sens. 1, H317 |
| Isocyclocitral | (CAS-No.) 1335-66-6 (EC-No.) 215-638-7 | 0.05 - 0.1 | Eye Irrit. 2, H319 Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| Damascone Beta | (CAS-No.) 23726-92-3 (EC-No.) 245-843-7 | 0.05 - 0.1 | Aquatic Chronic 2, H411 Skin Sens. 1B, H317 |
| delta-Damascone | (CAS-No.) 57378-68-4 (EC-No.) 260-709-8 | 0.05 - 0.1 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 1, H410 |
| Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0) | (CAS-No.) 24720-09-0 (EC-No.) 246-430-4 | 0.05 - 0.1 | Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411 Skin Sens. 1B, H317 |
| Allyl heptanoate | (CAS-No.) 142-19-8 (EC-No.) 205-527-1 (REACH-no) 01-2119488961-23 | 0.05 - 0.1 | Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412 |
| Neryl acetate | (CAS-No.) 141-12-8 (EC-No.) 205-459-2 | 0.05 - 0.1 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 |

Allergen report available upon request.

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a poison center/doctor/physician if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. 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 immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or doctor/physician if you feel unwell. Call a poison center/doctor/physician if you feel unwell. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects after inhalation | : May cause an allergic skin reaction. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after ingestion | : Swallowing a small quantity of this material will result in serious health hazard. |

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

5.3. Advice for firefighters

| | |
|--------------------------------|--|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See Heading 8. Exposure controls and 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. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage temperature : 25 °C

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

Special rules on packaging : Store in a closed container.

Packaging materials : Do not store in corrodable metal.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Isoamyl acetate (123-92-2) | | |
|----------------------------|---|--|
| EU | IOELV TWA (mg/m ³) | 270 mg/m ³ |
| EU | IOELV TWA (ppm) | 50 ppm |
| EU | IOELV STEL (mg/m ³) | 540 mg/m ³ |
| EU | IOELV STEL (ppm) | 100 ppm |
| Austria | MAK (mg/m ³) | 270 mg/m ³ (Pentyl acetate (all isomers)) |
| Austria | MAK (ppm) | 50 ppm (Pentyl acetate (all isomers)) |
| Austria | MAK Short time value (mg/m ³) | 540 mg/m ³ (Pentylacetate) |
| Austria | MAK Short time value (ppm) | 100 ppm (Pentylacetate) |
| Belgium | Limit value (mg/m ³) | 270 mg/m ³ |
| Belgium | Limit value (ppm) | 50 ppm |
| Belgium | Short time value (mg/m ³) | 540 mg/m ³ |
| Belgium | Short time value (ppm) | 100 ppm |
| Bulgaria | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Bulgaria | OEL TWA (ppm) | 50 ppm |
| Bulgaria | OEL STEL (mg/m ³) | 540 mg/m ³ |

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| Isoamyl acetate (123-92-2) | | |
|----------------------------|--|---|
| Bulgaria | OEL STEL (ppm) | 100 ppm |
| Croatia | GVI (granična vrijednost izloženosti) (mg/m ³) | 270 mg/m ³ |
| Croatia | GVI (granična vrijednost izloženosti) (ppm) | 50 ppm |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³) | 540 mg/m ³ |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (ppm) | 100 ppm |
| Cyprus | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Cyprus | OEL TWA (ppm) | 50 ppm |
| Cyprus | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Cyprus | OEL STEL (ppm) | 100 ppm |
| Denmark | Limit (long-term) (mg/m ³) | 271 mg/m ³ (Amyl acetate, all isomers) |
| Denmark | Limit (long-term) (ppm) | 50 ppm (Amyl acetate, all isomers) |
| Estonia | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Estonia | OEL TWA (ppm) | 50 ppm |
| Estonia | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Estonia | OEL STEL (ppm) | 100 ppm |
| Finland | HTP-arvo (8h) (mg/m ³) | 270 mg/m ³ (Pentyl acetate) |
| Finland | HTP-arvo (8h) (ppm) | 50 ppm (Pentyl acetate) |
| Finland | HTP-arvo (15 min) | 540 mg/m ³ |
| Finland | HTP-arvo (15 min) (ppm) | 100 ppm |
| France | VME (mg/m ³) | 270 mg/m ³ (restrictive limit) |
| France | VME (ppm) | 50 ppm (restrictive limit) |
| France | VLE (mg/m ³) | 540 mg/m ³ (restrictive limit) |
| France | VLE (ppm) | 100 ppm (restrictive limit) |
| Germany | TRGS 900 Occupational exposure limit value (mg/m ³) | 270 mg/m ³ |
| Germany | TRGS 900 Occupational exposure limit value (ppm) | 50 ppm |
| Gibraltar | Eight hours mg/m ³ | 270 mg/m ³ |
| Gibraltar | Eight hours ppm | 50 ppm |
| Gibraltar | Short-term mg/m ³ | 540 mg/m ³ |
| Gibraltar | Short-term ppm | 100 ppm |
| Greece | OEL TWA (mg/m ³) | 530 mg/m ³ |
| Greece | OEL TWA (ppm) | 100 ppm |
| Greece | OEL STEL (mg/m ³) | 800 mg/m ³ |
| Greece | OEL STEL (ppm) | 150 ppm |
| Hungary | Exposure Limit Value | 270 mg/m ³ |
| Hungary | CK-érték | 540 mg/m ³ |
| Ireland | OEL (8 hours ref) (mg/m ³) | 260 mg/m ³ |
| Ireland | OEL (8 hours ref) (ppm) | 50 ppm |
| Ireland | OEL (15 min ref) (mg/m ³) | 520 mg/m ³ |
| Ireland | OEL (15 min ref) (ppm) | 100 ppm |
| Italy | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Italy | OEL TWA (ppm) | 50 ppm |
| Italy | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Italy | OEL STEL (ppm) | 100 ppm |
| Latvia | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Latvia | OEL TWA (ppm) | 50 ppm |
| Lithuania | IPRV (mg/m ³) | 270 mg/m ³ |
| Lithuania | IPRV (ppm) | 50 ppm |
| Lithuania | TPRV (mg/m ³) | 540 mg/m ³ |
| Lithuania | TPRV (ppm) | 100 ppm |
| Luxembourg | OEL TWA (mg/m ³) | 270 mg/m ³ |

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| Isoamyl acetate (123-92-2) | | |
|----------------------------|--|---|
| Luxembourg | OEL TWA (ppm) | 50 ppm |
| Luxembourg | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Luxembourg | OEL STEL (ppm) | 100 ppm |
| Malta | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Malta | OEL TWA (ppm) | 50 ppm |
| Malta | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Malta | OEL STEL (ppm) | 100 ppm |
| Netherlands | Grenswaarde TGG 15MIN (mg/m ³) | 530 mg/m ³ |
| Poland | NDS (mg/m ³) | 250 mg/m ³ |
| Poland | NDSch (mg/m ³) | 500 mg/m ³ |
| Portugal | OEL TWA (mg/m ³) | 270 mg/m ³ (indicative limit value) |
| Portugal | OEL TWA (ppm) | 50 ppm (indicative limit value) |
| Portugal | OEL STEL (mg/m ³) | 540 mg/m ³ (indicative limit value) |
| Portugal | OEL STEL (ppm) | 100 ppm (indicative limit value, regulated under Pentyl acetate, all isomers) |
| Romania | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Romania | OEL TWA (ppm) | 50 ppm |
| Romania | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Romania | OEL STEL (ppm) | 100 ppm |
| Slovakia | NPHV (priemerná) (mg/m ³) | 270 mg/m ³ |
| Slovakia | NPHV (priemerná) (ppm) | 50 ppm |
| Slovakia | NPHV (Hraničná) (mg/m ³) | 540 mg/m ³ |
| Slovenia | OEL TWA (mg/m ³) | 270 mg/m ³ |
| Slovenia | OEL TWA (ppm) | 50 ppm |
| Slovenia | OEL STEL (mg/m ³) | 540 mg/m ³ |
| Slovenia | OEL STEL (ppm) | 100 ppm |
| Spain | VLA-ED (mg/m ³) | 270 mg/m ³ (indicative limit value) |
| Spain | VLA-ED (ppm) | 50 ppm (indicative limit value) |
| Spain | VLA-EC (mg/m ³) | 540 mg/m ³ |
| Spain | VLA-EC (ppm) | 100 ppm |
| Sweden | nivågränsvärde (NVG) (mg/m ³) | 270 mg/m ³ (Pentyl acetates) |
| Sweden | nivågränsvärde (NVG) (ppm) | 50 ppm (Pentyl acetates) |
| Sweden | kortidsvärde (KTV) (mg/m ³) | 540 mg/m ³ (Pentyl acetates) |
| Sweden | kortidsvärde (KTV) (ppm) | 100 ppm (Pentyl acetates) |
| Norway | TWA (AN) (mg/m ³) | 260 mg/m ³ |
| Norway | TWA (AN) (ppm) | 50 ppm |
| Norway | TWA (Kortidsverdi) (mg/m ³) | 325 mg/m ³ (value calculated) |
| Norway | TWA (Kortidsverdi) (ppm) | 75 ppm (value calculated) |
| Australia | TWA (mg/m ³) | 270 mg/m ³ |
| Australia | TWA (ppm) | 50 ppm |
| Australia | STEL (mg/m ³) | 541 mg/m ³ |
| Australia | STEL (ppm) | 100 ppm |
| Canada (Quebec) | VECD (mg/m ³) | 532 mg/m ³ (Pentyl acetates) |
| Canada (Quebec) | VECD (ppm) | 100 ppm (Pentyl acetates) |
| Canada (Quebec) | VEMP (mg/m ³) | 266 mg/m ³ (Pentyl acetates) |
| Canada (Quebec) | VEMP (ppm) | 50 ppm (Pentyl acetates) |
| USA - ACGIH | ACGIH TWA (ppm) | 50 ppm (Pentyl acetate, all isomers) |
| USA - ACGIH | ACGIH STEL (ppm) | 100 ppm (Pentyl acetate, all isomers) |
| USA - IDLH | US IDLH (ppm) | 1000 ppm |
| USA - NIOSH | NIOSH REL (TWA) (mg/m ³) | 525 mg/m ³ |
| USA - NIOSH | NIOSH REL (TWA) (ppm) | 100 ppm |
| USA - OSHA | OSHA PEL (TWA) (mg/m ³) | 525 mg/m ³ |

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|-----------------------------------|--|--|
| USA - OSHA | OSHA PEL (TWA) (ppm) | 100 ppm |
| Ethyl acetate (141-78-6) | | |
| EU | IOELV TWA (mg/m ³) | 734 mg/m ³ |
| EU | IOELV TWA (ppm) | 200 ppm |
| EU | IOELV STEL (mg/m ³) | 1468 mg/m ³ |
| EU | IOELV STEL (ppm) | 400 ppm |
| Austria | MAK (mg/m ³) | 734 mg/m ³ |
| Austria | MAK (ppm) | 200 ppm |
| Austria | MAK Short time value (mg/m ³) | 1468 mg/m ³ |
| Austria | MAK Short time value (ppm) | 400 ppm |
| Belgium | Limit value (mg/m ³) | 734 mg/m ³ |
| Belgium | Limit value (ppm) | 200 ppm |
| Belgium | Short time value (mg/m ³) | 1468 mg/m ³ |
| Belgium | Short time value (ppm) | 400 ppm |
| Bulgaria | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Bulgaria | OEL TWA (ppm) | 200 ppm |
| Bulgaria | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Bulgaria | OEL STEL (ppm) | 400 ppm |
| Croatia | GVI (granična vrijednost izloženosti) (mg/m ³) | 734 mg/m ³ |
| Croatia | GVI (granična vrijednost izloženosti) (ppm) | 200 ppm |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³) | 1468 mg/m ³ |
| Croatia | KGVI (kratkotrajna granična vrijednost izloženosti) (ppm) | 400 ppm |
| Cyprus | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Cyprus | OEL TWA (ppm) | 200 ppm |
| Cyprus | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Cyprus | OEL STEL (ppm) | 400 ppm |
| Czech Republic | Exposure limits (PEL) (mg/m ³) | 700 mg/m ³ |
| Denmark | Limit (long-term) (mg/m ³) | 540 mg/m ³ |
| Denmark | Limit (long-term) (ppm) | 150 ppm |
| Estonia | OEL TWA (mg/m ³) | 500 mg/m ³ |
| Estonia | OEL TWA (ppm) | 150 ppm |
| Estonia | OEL STEL (mg/m ³) | 1100 mg/m ³ |
| Estonia | OEL STEL (ppm) | 300 ppm |
| Finland | HTP-arvo (8h) (mg/m ³) | 730 mg/m ³ |
| Finland | HTP-arvo (8h) (ppm) | 200 ppm |
| Finland | HTP-arvo (15 min) | 1470 mg/m ³ |
| Finland | HTP-arvo (15 min) (ppm) | 400 ppm |
| France | VME (mg/m ³) | 1400 mg/m ³ |
| France | VME (ppm) | 400 ppm |
| Germany | TRGS 900 Occupational exposure limit value (mg/m ³) | 730 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Germany | TRGS 900 Occupational exposure limit value (ppm) | 200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |
| Gibraltar | Eight hours mg/m ³ | 200 mg/m ³ |
| Gibraltar | Eight hours ppm | 734 ppm |
| Gibraltar | Short-term mg/m ³ | 400 mg/m ³ |
| Gibraltar | Short-term ppm | 1468 ppm |
| Greece | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Greece | OEL TWA (ppm) | 200 ppm |
| Greece | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Greece | OEL STEL (ppm) | 400 ppm |
| Hungary | Exposure Limit Value | 734 mg/m ³ |

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| Ethyl acetate (141-78-6) | | |
|--------------------------|--|--|
| Hungary | CK-érték | 1468 mg/m ³ |
| Ireland | OEL (8 hours ref) (mg/m ³) | 734 mg/m ³ |
| Ireland | OEL (8 hours ref) (ppm) | 200 ppm |
| Ireland | OEL (15 min ref) (mg/m ³) | 1468 mg/m ³ |
| Ireland | OEL (15 min ref) (ppm) | 400 ppm |
| Latvia | OEL TWA (mg/m ³) | 200 mg/m ³ |
| Latvia | OEL TWA (ppm) | 54 ppm |
| Lithuania | IPRV (mg/m ³) | 500 mg/m ³ |
| Lithuania | IPRV (ppm) | 150 ppm |
| Lithuania | NRV (mg/m ³) | 1100 mg/m ³ |
| Lithuania | NRV (ppm) | 300 ppm |
| Luxembourg | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Luxembourg | OEL STEL (ppm) | 400 ppm |
| Malta | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Malta | OEL TWA (ppm) | 200 ppm |
| Malta | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Malta | OEL STEL (ppm) | 400 ppm |
| Netherlands | Grenswaarde TGG 8H (mg/m ³) | 734 mg/m ³ |
| Netherlands | Grenswaarde TGG 15MIN (mg/m ³) | 1468 mg/m ³ |
| Poland | NDS (mg/m ³) | 734 mg/m ³ |
| Poland | NDSch (mg/m ³) | 1468 mg/m ³ |
| Portugal | OEL TWA (ppm) | 400 ppm |
| Romania | OEL TWA (mg/m ³) | 400 mg/m ³ |
| Romania | OEL TWA (ppm) | 111 ppm |
| Romania | OEL STEL (mg/m ³) | 500 mg/m ³ |
| Romania | OEL STEL (ppm) | 139 ppm |
| Slovakia | NPHV (priemerná) (mg/m ³) | 734 mg/m ³ |
| Slovakia | NPHV (priemerná) (ppm) | 200 ppm |
| Slovakia | NPHV (Hraničná) (mg/m ³) | 1100 mg/m ³ |
| Slovenia | OEL TWA (mg/m ³) | 734 mg/m ³ |
| Slovenia | OEL TWA (ppm) | 200 ppm |
| Slovenia | OEL STEL (mg/m ³) | 1468 mg/m ³ |
| Slovenia | OEL STEL (ppm) | 400 ppm |
| Spain | VLA-ED (mg/m ³) | 734 mg/m ³ |
| Spain | VLA-ED (ppm) | 200 ppm |
| Spain | VLA-EC (mg/m ³) | 1468 mg/m ³ |
| Spain | VLA-EC (ppm) | 400 ppm |
| Sweden | nivågränsvärde (NVG) (mg/m ³) | 500 mg/m ³ |
| Sweden | nivågränsvärde (NVG) (ppm) | 150 ppm |
| Sweden | kortidsvärde (KTV) (mg/m ³) | 1100 mg/m ³ |
| Sweden | kortidsvärde (KTV) (ppm) | 300 ppm |
| United Kingdom | WEL TWA (mg/m ³) | 734 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 200 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1468 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 400 ppm |
| Norway | TWA (AN) (mg/m ³) | 734 mg/m ³ |
| Norway | TWA (AN) (ppm) | 200 ppm |
| Norway | TWA (Korttidsverdi) (mg/m ³) | 917.5 mg/m ³ (value calculated) |
| Norway | TWA (Korttidsverdi) (ppm) | 250 ppm (value calculated) |
| Switzerland | MAK (mg/m ³) | 730 mg/m ³ |
| Switzerland | MAK (ppm) | 200 ppm |

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| Ethyl acetate (141-78-6) | | |
|--|--|------------------------|
| Switzerland | KZGW (mg/m ³) | 1460 mg/m ³ |
| Switzerland | KZGW (ppm) | 400 ppm |
| Australia | TWA (mg/m ³) | 720 mg/m ³ |
| Australia | TWA (ppm) | 200 ppm |
| Australia | STEL (mg/m ³) | 1440 mg/m ³ |
| Australia | STEL (ppm) | 400 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 1440 mg/m ³ |
| Canada (Quebec) | VEMP (ppm) | 400 ppm |
| USA - ACGIH | ACGIH TWA (ppm) | 400 ppm |
| USA - IDLH | US IDLH (ppm) | 2000 ppm (10% LEL) |
| USA - NIOSH | NIOSH REL (TWA) (mg/m ³) | 1400 mg/m ³ |
| USA - NIOSH | NIOSH REL (TWA) (ppm) | 400 ppm |
| USA - OSHA | OSHA PEL (TWA) (mg/m ³) | 1400 mg/m ³ |
| USA - OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| Benzene carboxaldehyde (100-52-7) | | |
| Bulgaria | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Finland | HTP-arvo (8h) (mg/m ³) | 4.4 mg/m ³ |
| Finland | HTP-arvo (8h) (ppm) | 1 ppm |
| Finland | OEL Ceiling (mg/m ³) | 17.4 mg/m ³ |
| Finland | OEL Ceiling (ppm) | 4 ppm |
| Hungary | Exposure Limit Value | 5 mg/m ³ |
| Hungary | CK-érték | 10 mg/m ³ |
| Latvia | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Lithuania | IPRV (mg/m ³) | 5 mg/m ³ |
| Poland | NDS (mg/m ³) | 10 mg/m ³ |
| Poland | NDSch (mg/m ³) | 40 mg/m ³ |
| Benzyl acetate (140-11-4) | | |
| Belgium | Limit value (mg/m ³) | 62 mg/m ³ |
| Belgium | Limit value (ppm) | 10 ppm |
| Denmark | Limit (long-term) (mg/m ³) | 61 mg/m ³ |
| Denmark | Limit (long-term) (ppm) | 10 ppm |
| Ireland | OEL (8 hours ref) (ppm) | 10 ppm |
| Ireland | OEL (15 min ref) (ppm) | 30 ppm (calculated) |
| Latvia | OEL TWA (mg/m ³) | 5 mg/m ³ |
| Lithuania | IPRV (mg/m ³) | 5 mg/m ³ |
| Portugal | OEL TWA (ppm) | 10 ppm |
| Romania | OEL TWA (mg/m ³) | 50 mg/m ³ |
| Romania | OEL TWA (ppm) | 8 ppm |
| Romania | OEL STEL (mg/m ³) | 80 mg/m ³ |
| Romania | OEL STEL (ppm) | 13 ppm |
| Spain | VLA-ED (mg/m ³) | 62 mg/m ³ |
| Spain | VLA-ED (ppm) | 10 ppm |
| USA - ACGIH | ACGIH TWA (ppm) | 10 ppm |
| Benzyl benzoate (120-51-4) | | |
| USA - NIOSH | NIOSH REL (TWA) (mg/m ³) | <= |

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
 Personal protective equipment : Avoid all unnecessary exposure.

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| | |
|---------------------------------|--|
| Hand protection | : Wear protective gloves. |
| Eye protection | : Chemical goggles or safety glasses. Safety glasses |
| Skin and body protection | : Wear suitable protective clothing |
| Respiratory protection | : Wear appropriate mask |
| Environmental exposure controls | : Avoid release to the environment. |
| Other information | : Do not eat, drink or smoke during use. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--------------------------------|
| Physical state | : Liquid |
| Color | : Yellow. light yellow. amber. |
| Odor | : Fruity. |
| Odor threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 81.8 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : ≈ 1.09 |
| Solubility | : No data available |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits | : No data available |

9.2. Other information

No additional information available

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

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

| | |
|----------------|---------------------------|
| ATE CLP (oral) | 801.079 mg/kg body weight |
|----------------|---------------------------|

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| | |
|---|--|
| Skin corrosion/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Specific target organ toxicity – single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Specific target organ toxicity – repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Potential Adverse human health effects and symptoms | : Harmful if swallowed. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|--|
| Ecology - general | : Toxic to aquatic life with long lasting effects. |
| Ecology - water | : Toxic to aquatic life with long lasting effects. |

12.2. Persistence and degradability

Cranberry Wreath #TCDL-CFRA-BOWL-NCRW

| | |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---|

12.3. Bioaccumulative potential

Cranberry Wreath #TCDL-CFRA-BOWL-NCRW

| | |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

| | |
|------------------------|-------------------------------------|
| Additional information | : Avoid release to the environment. |
|------------------------|-------------------------------------|

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 | : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with local/national laws and regulations. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

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

14.1. UN number

| | |
|---------------|------------------|
| UN-No. (ADR) | : 3082 |
| UN-No. (IMDG) | : 3082 |
| UN-No. (IATA) | : 3082 |
| UN-No. (ADN) | : 3082 |
| UN-No. (RID) | : Not applicable |

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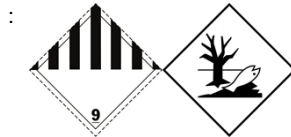
14.2. UN proper shipping name

| | |
|---------------------------------------|--|
| Proper Shipping Name (ADR) | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (IMDG) | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (IATA) | : Environmentally hazardous substance, liquid, n.o.s. |
| Proper Shipping Name (ADN) | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Proper Shipping Name (RID) | : Not applicable |
| Transport document description (ADR) | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene), 9, III, (E) |
| Transport document description (IMDG) | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d-Limonene), 9, III, MARINE POLLUTANT |
| Transport document description (IATA) | : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (d-Limonene), 9, III |
| Transport document description (ADN) | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III |

14.3. Transport hazard class(es)

ADR

| | |
|----------------------------------|-----|
| Transport hazard class(es) (ADR) | : 9 |
| Hazard labels (ADR) | : 9 |



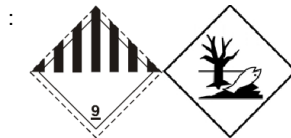
IMDG

| | |
|-----------------------------------|-----|
| Transport hazard class(es) (IMDG) | : 9 |
| Hazard labels (IMDG) | : 9 |



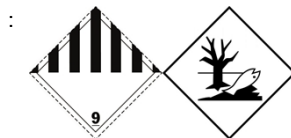
IATA

| | |
|-----------------------------------|-----|
| Transport hazard class(es) (IATA) | : 9 |
| Hazard labels (IATA) | : 9 |



ADN

| | |
|----------------------------------|-----|
| Transport hazard class(es) (ADN) | : 9 |
| Hazard labels (ADN) | : 9 |



RID

| | |
|----------------------------------|------------------|
| Transport hazard class(es) (RID) | : Not applicable |
|----------------------------------|------------------|

14.4. Packing group

| | |
|----------------------|-------|
| Packing group (ADR) | : III |
| Packing group (IMDG) | : III |
| Packing group (IATA) | : III |

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Packing group (ADN) : III
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

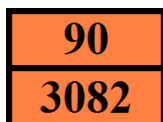
14.6. Special precautions for user

- Overland transport

Classification code (ADR) : M6
Special provision (ADR) : 274, 335, 601
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP29

Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13

Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : E
EAC : *3Z

- Transport by sea

Special provision (IMDG) : 274, 335
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP2, TP29
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-F
Stowage category (IMDG) : A

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L
Special provision (IATA) : A97, A158

ERG code (IATA) : 9L

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- Inland waterway transport

| | |
|-----------------------------------|----------------|
| Classification code (ADN) | : M6 |
| Special provision (ADN) | : 274, 335, 61 |
| Limited quantities (ADN) | : 5 L |
| Excepted quantities (ADN) | : E1 |
| Carriage permitted (ADN) | : T |
| Equipment required (ADN) | : PP |
| Number of blue cones/lights (ADN) | : 0 |

- Rail transport

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

| | |
|--|---|
| 3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F | Lemon oil ; Ethyl caproate ; Isoamyl acetate ; Ethyl acetate |
| 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 | Cranberry Wreath #TCDL-CFRA-BOWL-NCRW ; Benzyl benzoate ; methyl anthranilate ; Lemon oil ; Ethyl caproate ; Amyl cinnamic aldehyde ; Linalool ; Isocyclocitral ; Damascone Beta ; delta-Damascone ; Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0) ; Allyl heptanoate ; Neryl acetate ; Ethyl acetate ; Geraniol ; Methyl isoeugenol ; Benzene carboxaldehyde ; Aldehyde C-16 |
| 3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 | Cranberry Wreath #TCDL-CFRA-BOWL-NCRW ; Benzyl benzoate ; Lemon oil ; alpha- Ionone ; Verdox ; Amyl cinnamic aldehyde ; Hexyl benzoate ; Isocyclocitral ; Damascone Beta ; delta-Damascone ; Damascone alpha- (E)-1-(2,6,6-Trimethyl-2-cyclohexen-1-yl)-2-buten-1-one (24720-09-0) ; Allyl heptanoate ; Benzyl acetate ; beta-Ionone ; Aldehyde C-14; Aldehyde C-16 |
| 40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. | Lemon oil ; Ethyl caproate ; Isoamyl acetate ; Ethyl acetate |

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

15.1.2. National regulations

Germany

Reference to AwSV : Water hazard class (WGK) 2, significant hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

| | |
|---|-------------------------------------|
| SZW-lijst van kankerverwekkende stoffen | : Lemon oil is listed |
| SZW-lijst van mutagene stoffen | : Lemon oil is listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding | : None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid | : None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling | : None of the components are listed |

Denmark

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| | |
|-----------------------------------|---|
| Store unit | : 50 liter |
| Classification remarks | : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed |
| Recommendations Danish Regulation | : Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-phrases:

| | |
|---------------------------|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3 |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhalation) Category 3 |
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment - Acute Hazard Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| 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 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1A | Skin sensitization, category 1A |
| Skin Sens. 1B | Skin sensitization, category 1B |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H225 | Highly flammable liquid and vapour |
| H226 | Flammable liquid and vapour |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H311 | Toxic in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H331 | Toxic if inhaled |
| H336 | May cause drowsiness or dizziness |
| 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 |

FCF SDS EU CLP.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.