

SAKURA

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SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : SAKURA

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

Product reserved for professional use in the perfumery industry

1.3. Details of the supplier of the safety data sheet

Registered company name : Craftiviti Sdn Bhd

Address : Lot S16 & S17, 2nd Floor Centrepoint, 3 Lebuhraya Utama, Bandar Utama, 47800 Petaling Jaya, Selangor.

Email : enquiry@craftiviti.com

website : www.craftiviti.com

1.4. Emergency telephone number : +603 7710 9553.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Eye irritation, Category 2 (Eye Irrit. 2, H319).

Skin sensitisation, Category 1 (Skin Sens. 1, H317).

Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS09



GHS07

Signal Word :

WARNING

Product identifiers :

| | |
|--------------|---|
| EC 201-134-4 | LINALOOL |
| 607-754-00-5 | BENZYL SALICYLATE |
| EC 203-341-5 | GERANYL ACETATE |
| EC 259-174-3 | 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE |
| 601-096-00-2 | (R)-P-MENTHA-1,8-DIENE |
| EC 220-292-5 | ALLYL CYCLOHEXANEPROPIONATE |
| EC | REACTION MASS OF 3,5-DIMETHYL CYCLOHEX-3-ENE-1-CARBALDEHYDE AND 2,4-DIMETHYLCYCLOHEX-3-ENE-1-CARBALDEHYDE |
| EC 203-518-7 | HYDROXYCITRONELLAL |
| EC 203-375-0 | DL-CITRONELLOL |
| EC 260-709-8 | DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE |

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| EC 246-430-4 | (E)-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE |
| EC 283-718-9 | P-METHYL-ALPHA-AMYL CINNAMIC ALDEHYDE |
| EC 203-983-6 | LAURIC ALDEHYDE |
| EC 203-161-7 | 2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE |
| EC 214-881-6 | ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE |
| EC 209-235-5 | TERPINEN-4-OL |
| EC 245-833-2 | 1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE |

Additional labeling :

Hazard statements :

| | |
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| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H411 | Toxic to aquatic life with long lasting effects. |

Precautionary statements - Prevention :

| | |
|------|---|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P264 | Wash ... thoroughly after handling. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ... |

Precautionary statements - Response :

| | |
|--------------------|--|
| P302 + P352 | IF ON SKIN: Wash with plenty of water/... |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P321 | Specific treatment (see ... on this label). |
| P332 + P313 | If skin irritation occurs: Get medical advice/attention. |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P391 | Collect spillage. |

Precautionary statements - Disposal :

| | |
|------|--------------------------------------|
| P501 | Dispose of contents/container to ... |
|------|--------------------------------------|

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

| Identification | Classification (EC) 1272/2008 | Note | % |
|--|--|------|---------------------|
| CAS: 78-70-6 EC: 201-134-4 LINALOOL | GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 | | 10 \leq x % < 25 |
| CAS: 8000-41-7 EC: 232-268-1 TERPINEOL | GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319 | | 2.5 \leq x % < 10 |

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|--|---|-----|-----------------|
| INDEX: 607-754-00-5 CAS: 118-58-1 EC: 204-262-9 BENZYL SALICYLATE | GHS07 Wng Skin Sens. 1B, H317 | | 2.5 <= x % < 10 |
| CAS: 105-87-3 EC: 203-341-5 GERANYL ACETATE | GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 | | 2.5 <= x % < 10 |
| INDEX: 603-101-00-3 EC: 405-040-6 TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, MIXED ISOMERS (CIS AND TRANS) | GHS07 Wng Eye Irrit. 2, H319 | | 0 <= x % < 2.5 |
| INDEX: 603-212-00-7 CAS: 1222-05-5 EC: 214-946-9 1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN | GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 | | 0 <= x % < 2.5 |
| CAS: 54464-57-2 EC: 259-174-3 1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHALENYL)ETHANONE | GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411 | | 0 <= x % < 2.5 |
| CAS: 1506-02-1 EC: 216-133-4 1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8-HEXAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (FIXOLID) | GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 | | 0 <= x % < 2.5 |
| INDEX: 601-096-00-2 CAS: 5989-27-5 EC: 227-813-5 (R)-P-MENTHA-1,8-DIENE | GHS02, GHS07, GHS08, GHS09 Dgr Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1 | [1] | 0 <= x % < 2.5 |
| CAS: 87-20-7 EC: 201-730-4 ISOAMYL SALICYLATE | GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Chronic 2, H411 | | 0 <= x % < 2.5 |
| CAS: 2705-87-5 EC: 220-292-5 ALLYL CYCLOHEXANEPROPIONATE | GHS07, GHS09 Wng Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Sens. 1, H317 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1 | | 0 <= x % < 2.5 |
| CAS: 68901-15-5 EC: 272-657-3 ALLYL (CYCLOHEXYLOXY)ACETATE | GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Acute 1, H400 M Acute = 1 | | 0 <= x % < 2.5 |

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| | Aquatic Chronic 1, H410 M Chronic = 1 | | |
| CAS: 65405-77-8 EC: 265-745-8 CIS-3-HEXENYL SALICYLATE | GHS09 Wng Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1 | | 0 <= x % < 2.5 |
| REACTION MASS OF 3,5-DIMETHYL CYCLOHEX-3-ENE-1-CARBALDEHYDE AND 2,4-DIMETHYLCYCLOHEX-3-ENE-1- CARBALDEHYDE | GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411 | | 0 <= x % < 2.5 |
| CAS: 107-75-5 EC: 203-518-7 HYDROXYCITRONELLAL | GHS07 Wng Skin Sens. 1B, H317 Eye Irrit. 2, H319 | | 0 <= x % < 2.5 |
| CAS: 106-22-9 EC: 203-375-0 DL-CITRONELLOL | GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 | | 0 <= x % < 2.5 |
| CAS: 57378-68-4 EC: 260-709-8 DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1- YL)-2-BUTEN-1-ONE | GHS07, GHS09 Wng Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 | | 0 <= x % < 2.5 |
| CAS: 24720-09-0 EC: 246-430-4 (E)-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1- YL)-2-BUTEN-1-ONE | GHS07, GHS09 Wng Acute Tox. 4, H302 Skin Sens. 1B, H317 Aquatic Chronic 2, H411 | | 0 <= x % < 2.5 |
| CAS: 84697-09-6 EC: 283-718-9 P-METHYL-ALPHA-AMYL CINNAMIC ALDEHYDE | GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1 | | 0 <= x % < 2.5 |
| CAS: 112-54-9 EC: 203-983-6 LAURIC ALDEHYDE | GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319 | | 0 <= x % < 2.5 |
| CAS: 103-95-7 EC: 203-161-7 2-METHYL-3-(P- ISOPROPYLPHENYL)PROPIONALDEHYDE | GHS07 Wng Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412 | | 0 <= x % < 2.5 |
| CAS: 1205-17-0 EC: 214-881-6 ALPHA-METHYL-1,3-BENZODIOXOLE-5- PROPIONALDEHYDE | GHS07, GHS08, GHS09 Wng Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411 | [2] | 0 <= x % < 2.5 |
| CAS: 562-74-3 | GHS07, GHS06 | | 0 <= x % < 2.5 |

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| EC: 209-235-5 TERPINEN-4-OL | Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 3, H331 STOT SE 3, H336 Skin Sens. 1, H317 | | |
| CAS: 23696-85-7 EC: 245-833-2 1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE | GHS07, GHS09 Wng Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 2, H411 | | 0 <= x % < 2.5 |

Specific concentration limits:

| Identification | Specific concentration limits | ATE |
|--|-------------------------------|--|
| CAS: 78-70-6 EC: 201-134-4 LINALOOL | | oral: ATE = 2790 mg/kg BW |
| CAS: 8000-41-7 EC: 232-268-1 TERPINEOL | | oral: ATE = 4300 mg/kg BW |
| CAS: 1506-02-1 EC: 216-133-4 1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8-HEXAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (FIXOLID) | | oral: ATE = 1000 mg/kg BW |
| CAS: 87-20-7 EC: 201-730-4 ISOAMYL SALICYLATE | | oral: ATE = 1406 mg/kg BW |
| CAS: 2705-87-5 EC: 220-292-5 ALLYL CYCLOHEXANEPROPIONATE | | dermal: ATE = 1600 mg/kg BW oral: ATE = 380 mg/kg BW |
| CAS: 68901-15-5 EC: 272-657-3 ALLYL (CYCLOHEXYLOXY)ACETATE | | oral: ATE = 682 mg/kg BW |
| CAS: 65405-77-8 EC: 265-745-8 CIS-3-HEXENYL SALICYLATE | | oral: ATE = 2500 mg/kg BW |
| REACTION MASS OF 3,5-DIMETHYL CYCLOHEX-3-ENE-1-CARBALDEHYDE AND 2,4-DIMETHYLCYCLOHEX-3-ENE-1-CARBALDEHYDE | | oral: ATE = 3900 mg/kg BW |
| CAS: 106-22-9 EC: 203-375-0 DL-CITRONELLOL | | dermal: ATE = 2650 mg/kg BW oral: ATE = 3450 mg/kg BW |
| CAS: 57378-68-4 EC: 260-709-8 DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE | | oral: ATE = 1400 mg/kg BW |
| CAS: 24720-09-0 EC: 246-430-4 (E)-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE | | dermal: ATE = 2900 mg/kg BW oral: ATE = 1670 mg/kg BW |
| CAS: 103-95-7 EC: 203-161-7 2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE | | oral: ATE = 3810 mg/kg BW |

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| CAS: 1205-17-0 EC: 214-881-6 ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIIONALDEHYDE | | oral: ATE = 3562 mg/kg BW |
| CAS: 562-74-3 EC: 209-235-5 TERPINEN-4-OL | | oral: ATE = 1300 mg/kg BW |
| CAS: 23696-85-7 EC: 245-833-2 1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE | | dermal: ATE = 2900 mg/kg BW |

Information on ingredients :

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. description of first aid measures**In the event of splashes or contact with eyes :**

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid skin and eye contact with this mixture.

Packages which have been opened must be reclosed carefully and stored in an upright position.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

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No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No data available.

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state

Physical state : Fluid liquid.

Colour

Color : YELLOW

Odour

Odour threshold : Not stated.

Melting point

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| Melting point/melting range : | Not specified. |
| Freezing point | |
| Freezing point / Freezing range : | Not stated. |
| Boiling point or initial boiling point and boiling range | |
| Boiling point/boiling range : | Not specified. |
| Flammability | |
| Flammability (solid, gas) : | Not stated. |
| Lower and upper explosion limit | |
| Explosive properties, lower explosivity limit (%) : | Not stated. |
| Explosive properties, upper explosivity limit (%) : | Not stated. |
| Flash point | |
| Flash Point Interval : | 60°C < FP ≤ 93°C |
| Auto-ignition temperature | |
| Self-ignition temperature : | Not specified. |
| Decomposition temperature | |
| Decomposition point/decomposition range : | Not specified. |
| pH | |
| pH : | Not relevant. |
| pH (aqueous solution) : | Not stated. |
| Kinematic viscosity | |
| Viscosity : | Not stated. |
| Viscosity: | $\nu < 7 \text{ mm}^2/\text{s} (40^\circ\text{C})$ |
| Solubility | |
| Water solubility : | Insoluble. |
| Fat solubility : | Not stated. |
| Partition coefficient n-octanol/water (log value) | |
| Partition coefficient: n-octanol/water : | Not stated. |
| Vapour pressure | |
| Vapour pressure (50°C) : | Below 110 kPa (1.10 bar). |
| Density and/or relative density | |
| Density : | 0.97-1.02@20°C |
| Relative vapour density | |
| Vapour density : | Not stated. |
| 9.2. Other information | |
| Index of refraction : | 1.458-1.464@20°C |
| 9.2.1. Information with regard to physical hazard classes | |
| No data available. | |
| 9.2.2. Other safety characteristics | |
| No data available. | |

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

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10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

11.1.1. Substances

Acute toxicity :

1-(2,6,6-TRIMETHYLCYCLOHEXA-1,3-DIENYL)-2-BUTEN-1-ONE (CAS: 23696-85-7)

Dermal route :

LD50 = 2900 mg/kg bodyweight/day

TERPINEN-4-OL (CAS: 562-74-3)

Oral route :

LD50 = 1300 mg/kg bodyweight/day

ALPHA-METHYL-1,3-BENZODIOXOLE-5-PROPIONALDEHYDE (CAS: 1205-17-0)

Oral route :

LD50 = 3562 mg/kg bodyweight/day

2-METHYL-3-(P-ISOPROPYLPHENYL)PROPIONALDEHYDE (CAS: 103-95-7)

Oral route :

LD50 = 3810 mg/kg bodyweight/day

(E)-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (CAS: 24720-09-0)

Oral route :

LD50 = 1670 mg/kg bodyweight/day

Dermal route :

LD50 = 2900 mg/kg bodyweight/day

DELTA-1-(2,6,6-TRIMETHYL-3-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE (CAS: 57378-68-4)

Oral route :

LD50 = 1400 mg/kg bodyweight/day

DL-CITRONELLOL (CAS: 106-22-9)

Oral route :

LD50 = 3450 mg/kg bodyweight/day

Dermal route :

LD50 = 2650 mg/kg bodyweight/day

REACTION MASS OF 3,5-DIMETHYL CYCLOHEX-3-ENE-1-CARBALDEHYDE AND 2,4-DIMETHYLCYCLOHEX-3-ENE-1-CARBALDEHYDE

Oral route :

LD50 = 3900 mg/kg bodyweight/day

CIS-3-HEXENYL SALICYLATE (CAS: 65405-77-8)

Oral route :

LD50 = 2500 mg/kg bodyweight/day

ALLYL (CYCLOHEXYLOXY)ACETATE (CAS: 68901-15-5)

Oral route :

LD50 = 682 mg/kg bodyweight/day

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ALLYL CYCLOHEXANEPROPIONATE (CAS: 2705-87-5)

Oral route : LD50 = 380 mg/kg bodyweight/day
 Dermal route : LD50 = 1600 mg/kg bodyweight/day

ISOAMYL SALICYLATE (CAS: 87-20-7)

Oral route : LD50 = 1406 mg/kg bodyweight/day

1-(5,6,7,8-TETRAHYDRO-3,5,5,6,8,8-HEXAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (FIXOLID) (CAS: 1506-02-1)

Oral route : LD50 = 1000 mg/kg bodyweight/day

TERPINEOL (CAS: 8000-41-7)

Oral route : LD50 = 4300 mg/kg bodyweight/day

LINALOOL (CAS: 78-70-6)

Oral route : LD50 = 2790 mg/kg bodyweight/day

11.1.2. Mixture

No toxicological data available for the mixture.

11.2. Information on other hazards**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 128-37-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 108-95-2 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 97-53-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 108-88-3 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

CAS 123-35-3 : IARC Group 2B : The agent is possibly carcinogenic to humans.

CAS 5989-27-5 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION

Toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

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| IATA | Class | 2°Label | Pack gr. | Passager | Passager | Cargo | Cargo | note | EQ |
|------|---|---------|----------|----------|----------|-------|-------|-----------------------------|----|
| | 9 | - | III | 964 | 450 L | 964 | 450 L | A97 A158 A197 A215 | E1 |
| | 9 | - | III | Y964 | 30 kg G | - | - | A97 A158 A197 A215 | E1 |
| | Not subject to this regulation if Q ≤ 5 1 / 5 kg (IATA 4.4.4 - DS A197) | | | | | | | | |

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

Marine pollutant (IMDG 3.1.2.9):(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)

Container information:

No data available.

Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH): <https://echa.europa.eu/substances-restricted-under-reach>.

Explosives precursors :

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.

Particular provisions :

No data available.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

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The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

| | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H336 | May cause drowsiness or dizziness. |
| H361 | Suspected of damaging fertility or the unborn child . |
| 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 :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.
REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.
ATE : Acute Toxicity Estimate
BW : Body Weight
CMR: Carcinogenic, mutagenic or reprotoxic.
STEL : Short-term exposure limit
TWA : Time Weighted Averages
TMP : French Occupational Illness table
TLV : Threshold Limit Value (exposure)
AEV : Average Exposure Value.
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefährdungsklasse (Water Hazard Class).
GHS07 : Exclamation mark
GHS09 : Environment
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.