# SAFETY DATA SHEET

According to Regulation (EU) No 2020/878

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

### 1.1. Product identifier

| | | |
|---|---|---|
| Product name | : | LIMPRO PERFUME CARD BABY SWEET |
| Product code | : | LP1V014 |
| UFI | : | WU80-W0PD-U003-TDGU |

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

| | | |
|---|---|---|
| Application | : | SU21 Consumer product. Air care products for indoor rooms (continuous action). Airfreshener. |

### 1.3. Details of the supplier of the safety data sheet

| | | |
|---|---|---|
| Supplier | : | Dovox B.V.<br>Leemansweg 40<br>6827 BX Arnhem, The Netherlands |
| Telephone | : | +31-30-7116 824 |
| E-mail | : | info@dovox.nl |
| Website | : | www.dovox.nl |

### 1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

| | | | |
|---|---|---|---|
| NL - Telephone | : | +31-30-7116 824 | (During office hours only) |

## SECTION 2 HAZARDS IDENTIFICATION

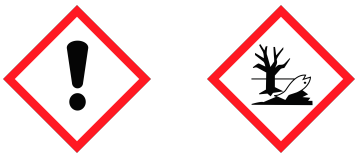
### 2.1. Classification of the substance or mixture

| | | |
|---|---|---|
| CLP classification (1272/2008/EC) | : | Skin irritation, category 2. Eye irritation, category 2. Skin sensitization, category 1. Hazardous to the aquatic environment — Chronic category 2. |
| Human health hazards | : | Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. |
| Physical/chemical hazards | : | Not classified as dangerous according to statutory EC-Directives. |

### 2.2. Label elements

Label elements ((EU) 1272/2008):

Hazard pictograms :



Signal word : Warning

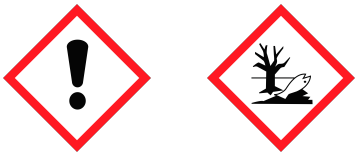
H- and P-phrases :

| | |
|---|---|
| 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. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P280 | Wear protective gloves. |
| P302+P352 | IF ON SKIN: Wash with plenty of water/soap. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P273 | Avoid release to the environment. |
| P391 | Collect spillage. |

| | | |
|---|---|---|
| | P501 | Dispose of contents/container to an official chemical waste depot. |

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases:

Hazard pictograms :



Signal word : Warning

H- and P-phrases :

| | |
|---|---|
| H317 | May cause an allergic skin reaction. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P280 | Wear protective gloves. |
| P302+P352 | IF ON SKIN: Wash with plenty of water/soap. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P501 | Dispose of contents/container to an official chemical waste depot. |

Additional labelling (for all packaging sizes)

: Contains: Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol ; Coumarin ; 3,7-Dimethylnona-1,6-dien-3-ol ; Hexyl salicylate ; p-Methoxybenzyl acetate ; 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one ; 2-Methoxy-4-propylphenol ; 4-trans-Propenylveratrole ; 3-p-Cumenyl-2-methylpropionaldehyde .

### 2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%. Human health: This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher. Environment: This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

| Substance name | Concentration (w/w) (%) | CAS nr. | EC number | Remark | REACH nr. |
|---|---|---|---|---|---|
| 2-Phenylethanol | 10 - < 25 | 60-12-8 | 200-456-2 | | 01-2119963921-31 |
| Terpineol | 10 - < 20 | 8000-41-7 | 232-268-1 | | 01-2119553062-49 |
| 1,4-Dioxacycloheptadecane-5,17-dione | 5 - < 10 | 105-95-3 | 203-347-8 | | 01-2119976314-33 |
| Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol | 5 - < 10 | 5502-75-0 | 939-719-8 | | 01-2119983532-32 |
| Coumarin | 5 - < 10 | 91-64-5 | 202-086-7 | | 01-2119949300-45 |
| Reaction mass of 2-methylbutyl salicylate and pentyl salicylate | 1 - < 5 | ----- | 911-280-7 | | 01-2119969444-27 |
| Benzyl acetate | 1 - < 5 | 140-11-4 | 205-399-7 | | 01-2119638272-42 |
| Reaction mass of 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-5-yl acetate and 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate | 1 - < 5 | ----- | 911-369-0 | | 01-2119488219-26 |
| 3,7-Dimethylnona-1,6-dien-3-ol | 1 - < 5 | 10339-55-6 | 233-732-6 | | 01-2119969272-32 |

| | | | | | |
|---|---|---|---|---|---|
| (E)-4-(2,6,6-Trimethyl-1-cyclohex-en-1-yl)-3-buten-2-one | 1 - < 5 | 79-77-6 | 201-224-3 | | 01-2119449921-34 |
| Vanillin | 1 - < 5 | 121-33-5 | 204-465-2 | | 01-2119516040-60 |
| Hexyl salicylate | 2,5 - < 3 | 6259-76-3 | 228-408-6 | | 01-2119638275-36 |
| p-Methoxybenzyl acetate | 0,1 - < 1 | 104-21-2 | 203-185-8 | | 01-2120752374-54 |
| 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one | 0,1 - < 1 | 33704-61-9 | 251-649-3 | | 01-2119977131-40 |
| 2-Methoxy-4-propylphenol | 0,1 - < 1 | 2785-87-7 | 220-499-0 | | 01-2120223684-57 |
| 4-trans-Propenylveratrole | 0,1 - < 1 | 6379-72-2 | 228-958-7 | | 01-2120223689-47 |
| 3-p-Cumenyl-2-methylpropionaldehyde | 0,1 - < 1 | 103-95-7 | 203-161-7 | | 01-2119970582-32 |

| Substance name | Hazard Class | H-phrases | Pictograms | |
|---|---|---|---|---|
| 2-Phenylethanol | Acute Tox. 4; Eye Irrit. 2 | H302; H319 | GHS07 | |
| Terpineol | Skin Irrit. 2; Eye Irrit. 2 | H315; H319 | GHS07 | |
| 1,4-Dioxacycloheptadecane-5,17-dione | Aquatic Chronic 3 | H412 | | |
| Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol | Skin Irrit. 2; Skin Sens. 1B; Aquatic Chronic 3 | H315; H317; H412 | GHS07 | |
| Coumarin | Acute Tox. 4; Skin Sens. 1B; Aquatic Chronic 3 | H302; H317; H412 | GHS07 | |
| Reaction mass of 2-methylbutyl salicylate and pentyl salicylate | Acute Tox. 4; Aquatic Acute 1; Aquatic Chronic 1 | H302; H400; H410 | GHS07; GHS09 | M (acute) = 1<br>M (chronic) = 1 |
| Benzyl acetate | Aquatic Chronic 3 | H412 | | |
| Reaction mass of 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-5-yl acetate and 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate | Aquatic Chronic 1 | H410 | GHS09 | M (chronic) = 1 |
| 3,7-Dimethylnona-1,6-dien-3-ol | Skin Irrit. 2; Skin Sens. 1B; Eye Irrit. 2 | H315; H317; H319 | GHS07 | |
| (E)-4-(2,6,6-Trimethyl-1-cyclohex-en-1-yl)-3-buten-2-one | Aquatic Chronic 2 | H411 | GHS09 | |
| Vanillin | Eye Irrit. 2 | H319 | GHS07 | |
| Hexyl salicylate | Skin Irrit. 2; Skin Sens. 1B; Repr. 2; Aquatic Acute 1; Aquatic Chronic 1 | H315; H317; H361d; H400; H410 | GHS07; GHS08; GHS09 | M (acute) = 1<br>M (chronic) = 1 |
| p-Methoxybenzyl acetate | Skin Sens. 1B | H317 | GHS07 | |
| 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one | Skin Irrit. 2; Skin Sens. 1B; Eye Irrit. 2; Aquatic Chronic 2 | H315; H317; H319; H411 | GHS07; GHS09 | |
| 2-Methoxy-4-propylphenol | Skin Irrit. 2; Skin Sens. 1B; Eye Dam. 1; STOT SE 3 | H315; H317; H318; H335 | GHS05; GHS07 | |
| 4-trans-Propenylveratrole | Skin Sens. 1B | H317 | GHS07 | |
| 3-p-Cumenyl-2-methylpropionaldehyde | Skin Irrit. 2; Skin Sens. 1B; Aquatic Chronic 3 | H315; H317; H412 | GHS07 | |

[1] Non classified substance for which a legal or recommended limit value applies. Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

## SECTION 4 FIRST-AID MEASURES

### 4.1. Description of first aid measures

First aid measures

| | | |
|---|---|---|
| Inhalation | : | Not applicable under normal conditions of use. Consult a doctor if victim feels unwell. |
| Skin contact | : | Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up. Consult a doctor if irritation occurs. |
| Eye contact | : | Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor. |
| Ingestion | : | Do not induce vomiting. Do rinse the mouth. Give one glass of water. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell. |

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

Effects and symptoms

| | | |
|---|---|---|
| Inhalation | : | No specific effects and/or symptoms are known. |
| Skin contact | : | Irritant. May cause redness and irritation, sensitisation. May produce an allergic reaction. May cause dry skin. |
| Eye contact | : | Irritant. May cause redness and pain. |
| Ingestion | : | May cause a feeling of sickness, vomiting and diarrhoea. |

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

Note to physicians : None known.

## SECTION 5 FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Extinguishing media

| | | |
|---|---|---|
| Suitable | : | Carbon dioxide ($CO_2$). Foam. Dry chemical. Water fog. |
| Not suitable | : | Water jet. Use of heavy stream of water may spread fire. |

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

| | | |
|---|---|---|
| Special exposure hazards | : | None known. |
| Hazardous thermal decomposition and combustion products | : | Carbon monoxide may be evolved if incomplete combustion occurs. |

### 5.3. Advice for firefighters

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

## SECTION 6 ACCIDENTAL RELEASE MEASURES *

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

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.

### 6.2. Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike. Waste product should not be allowed to contaminate soil or water. |
| Other information | : | Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. |

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

Methods for cleaning up : Collect spilled material in containers. Dispose at an authorised waste collection point. Wash away remainder with plenty of water and soap.

### 6.4. Reference to other sections

Reference to other sections : See also section 8.

## SECTION 7 HANDLING AND STORAGE *

### 7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Avoid contact with eyes and unnecessary contact to skin. Avoid splashing. Wear protective clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place. Keep away from oxidizing agents.
Recommended packaging : Keep only in the original container.
Non recommended packaging : None known.

### 7.3. Specific end use(s)

Use : Use only as directed.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION *

### 8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m³):

| Chemical name | Country | TWA 8 hour (mg/m3) | STEL 15 min (mg/m3) | Comments | Source |
|---|---|---|---|---|---|
| Benzyl acetate | | 5 | - | | MAC: LT |

Derived no-effect level (DNEL) for workers:

| Chemical name | Route of exposure | DNEL, short-term | | DNEL, long-term | |
|---|---|---|---|---|---|
| | | Local effect | Systemic effect | Local effect | Systemic effect |
| 2-Phenylethanol | Inhalation | | | | 59,9 mg/m3 |
| | Dermal | | | | 21,2 mg/kg bw/day |
| Terpineol | Dermal | | | | 6.36 mg/kg bw/day |
| | Inhalation | | | | 44.8 mg/m3 |
| Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol | Inhalation | | | | 6,63 mg/m3 |
| | Dermal | | | | 1,88 mg/kg bw/day |
| Coumarin | Dermal | | | | 0,79 mg/kg bw/day |
| | Inhalation | | | | 6,78 mg/m3 |
| Reaction mass of 2-methylbutyl salicylate and pentyl salicylate | Inhalation | | 141,05 mg/m3 | | 5,97 mg/m3 |
| | Dermal | | | | 1,69 mg/kg bw/day |
| Benzyl acetate | Inhalation | | | | 9 mg/m3 |
| | Dermal | | | | 2.5 mg/kg bw/day |
| 3,7-Dimethylnona-1,6-dien-3-ol | Inhalation | | 18 mg/m3 | | 3 mg/m3 |

| | | | | | |
|---|---|---|---|---|---|
| | Dermal | 1,6 mg/kg bw | 5,5 mg/kg bw | 1,6 mg/kg bw/ day | 2,7 mg/kg bw/day |
| (E)-4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one | Dermal | | | | 6 mg/kg bw/day |
| | Inhalation | | | | 12.7 mg/m3 |
| Hexyl salicylate | Dermal | 0,885 mg/kg bw | | 0,885 mg/kg bw/ day | 6,4 mg/kg bw/day |
| | Inhalation | | | | 1.7 mg/m3 |
| p-Methoxybenzyl acetate | Inhalation | | | | 2,468 mg/m3 |
| | Dermal | | | | 0,7 mg/kg bw/day |
| 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one | Inhalation | | | | 1,47 mg/m3 |
| | Dermal | | | 5,510 mg/kg bw/ day | 0,42 mg/kg bw/day |
| 2-Methoxy-4-propylphenol | Inhalation | | | | 6,07 mg/m3 |
| | Dermal | | | | 1.74 mg/kg bw/day |
| 4-trans-Propenylveratrole | Inhalation | | | | 3,1 mg/m3 |
| | Dermal | | | | 0,88 mg/kg bw/day |
| 3-p-Cumenyl-2-methylpropionaldehyde | Inhalation | | | | 5,83 mg/m3 |
| | Dermal | | | 0,00743 mg/kg bw/day | 1,67 mg/kg bw/day |

Derived no-effect level (DNEL) for consumers:

| Chemical name | Route of exposure | DNEL, short-term | | DNEL, long-term | |
|---|---|---|---|---|---|
| | | Local effect | Systemic effect | Local effect | Systemic effect |
| 2-Phenylethanol | Inhalation | | | | 17,7 mg/m3 |
| | Dermal | | | | 12,7 mg/kg bw/day |
| | Oral | | 5,1 mg/kg bw | | 5,1 mg/kg bw/day |
| Terpineol | Dermal | | | | 2.69 mg/kg bw/day |
| | Inhalation | | | | 7.96 mg/m3 |
| | Oral | | | | 2.69 mg/kg bw/day |
| Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol | Inhalation | | | | 1,63 mg/m3 |
| | Dermal | | | | 0,94 mg/kg bw/day |
| | Oral | | | | 0,94 mg/kg bw/day |
| Coumarin | Dermal | | | | 0,39 mg/kg bw/day |
| | Oral | | | | 0,39 mg/kg bw/day |
| | Inhalation | | | | 1,69 mg/m3 |
| Reaction mass of 2-methylbutyl salicylate and pentyl salicylate | Inhalation | | 34,78 mg/m3 | | 1,05 mg/m3 |
| | Dermal | | | | 0,605 mg/kg bw/day |
| | Oral | | 20 mg/kg bw | | 0,605 mg/kg bw/day |
| Benzyl acetate | Inhalation | | | | 2.2 mg/m3 |
| | Dermal | | | | 1.3 mg/kg bw/day |
| | Oral | | 6,25 mg/kg bw | | 1.3 mg/kg bw/day |
| 3,7-Dimethylnona-1,6-dien-3-ol | Inhalation | | 4,4 mg/m3 | | 0,74 mg/m3 |
| | Dermal | 1,6 mg/kg bw | 2,7 mg/kg bw | 1,6 mg/kg bw/ day | 1,4 mg/kg bw/day |
| | Oral | | 1,3 mg/kg bw | | 0,2 mg/kg bw/day |
| (E)-4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one | Dermal | | | | 3.6 mg/kg bw/day |
| | Inhalation | | | | 3.1 mg/m3 |
| | Oral | | | | 1.8 mg/kg bw/day |
| Hexyl salicylate | Dermal | 0.4425 mg/kg bw | | 0,4425 mg/kg bw/day | 3,2 mg/kg bw/day |

| | | | | | |
|---|---|---|---|---|---|
| | Inhalation | | | | 0,4 mg/m3 |
| | Oral | | | | 0,3 mg/kg bw/day |
| p-Methoxybenzyl acetate | Inhalation | | | | 0,37 mg/m3 |
| | Dermal | | | | 0,25 mg/kg bw/day |
| | Oral | | | | 0,25 mg/kg bw/day |
| 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one | Inhalation | | | | 0,44 mg/m3 |
| | Dermal | | | 3,241 mg/kg bw/day | 0,25 mg/kg bw/day |
| | Oral | | | | 0,25 mg/kg bw/day |
| 2-Methoxy-4-propylphenol | Inhalation | | | | 1.52 mg/m3 |
| | Dermal | | | | 0.86 mg/kg bw/day |
| | Oral | | | | 0.86 mg/kg bw/day |
| 4-trans-Propenylveratrole | Inhalation | | | | 0,76 mg/m3 |
| | Dermal | | | | 0,44 mg/kg bw/day |
| | Oral | | | | 0,44 mg/kg bw/day |
| 3-p-Cumenyl-2-methylpropionaldehyde | Inhalation | | | | 1,45 mg/m3 |
| | Dermal | | | 0,00372 mg/kg bw/day | 0,83 mg/kg bw/day |
| | Oral | | | | 0,83 mg/kg bw/day |

Predicted no-effect concentration (PNEC):

| Chemical name | Route of exposure | Fresh water | Marine water | |
|---|---|---|---|---|
| 2-Phenylethanol | Water | 0,215 mg/l | 0,0215 mg/l | |
| | Sediment | 1,454 mg/kg | 0,1454 mg/kg | |
| | Intermittent water | | | 2,15 mg/l |
| | STP | | | 10 mg/l |
| | Soil | | | 0,164 mg/kg |
| Terpineol | Water | 0.012 mg/l | 0.0012 mg/l | |
| | Sediment | 0.263 mg/kg | 0.026 mg/kg | |
| | STP | | | 2,57 mg/l |
| | Soil | | | 0.045 mg/kg |
| | Oral | | | 16,6 mg/kg food |
| 1,4-Dioxacycloheptadecane-5,17-dione | Water | 0.016 mg/l | 0.0016 mg/l | |
| | Sediment | 10.875 mg/kg | 1.087 mg/kg | |
| | Intermittent water | | | 0,0187 mg/l |
| | STP | | | 124 mg/l |
| | Soil | | | 2.17 mg/kg |
| | Oral | | | 33,3 mg/kg food |
| Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol | Water | 0.0044 mg/l | 0.00044 mg/l | |
| | Sediment | 0.266 mg/kg | 0.0266 mg/kg | |
| | STP | | | 1.9 mg/l |
| | Soil | | | 0.051 mg/kg |
| | Oral | | | 41.78 mg/kg food |
| Coumarin | Water | 0,019 mg/l | 0,0019 mg/l | |
| | Sediment | 0,15 mg/kg | 0,015 mg/kg | |
| | Intermittent water | | | 0,0142 mg/l |
| | STP | | | 6,4 mg/l |
| | Soil | | | 0,018 mg/kg |
| | Oral | | | 30,7 mg/kg food |
| Reaction mass of 2-methylbutyl salicylate and pentyl salicylate | Water | 0.00244 mg/l | 0.000244 mg/l | |
| | Sediment | 1.23 mg/kg | 0.123 mg/kg | |

| | | | | |
|---|---|---|---|---|
| | Intermittent water | | | 0,0077 mg/l |
| | STP | | | 10 mg/l |
| | Soil | | | 5.33 mg/kg |
| | Oral | | | 40.33 mg/kg food |
| Benzyl acetate | Water | 0.018 mg/l | 0.002 mg/l | |
| | Sediment | 0.526 mg/kg | 0.053 mg/kg | |
| | Intermittent water | | | 0,04 mg/l |
| | STP | | | 8,55 mg/l |
| | Soil | | | 0.094 mg/kg |
| Reaction mass of 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-5-yl acetate and 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate | Water | 0.003 mg/l | 0.0003 mg/l | |
| | Sediment | 0.12 mg/kg | 0.012 mg/kg | |
| | STP | | | 5.3 mg/l |
| | Soil | | | 0.04 mg/kg |
| 3,7-Dimethylnona-1,6-dien-3-ol | Water | 0,023 mg/l | 0,0023 mg/l | |
| | Sediment | 0,223 mg/kg | 0,0223 mg/kg | |
| | Intermittent water | | | 0,23 mg/l |
| | STP | | | 10 mg/l |
| | Soil | | | 0,031 mg/kg |
| | Oral | | | 8,53 mg/kg food |
| (E)-4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one | Water | 0.004 mg/l | 0 mg/l | |
| | Sediment | 0.151 mg/kg | 0.015 mg/kg | |
| | Intermittent water | | | 0,7 mg/l |
| | STP | | | 1 mg/l |
| | Soil | | | 0.015 mg/kg |
| Vanillin | Water | 0,118 mg/l | 0,0118 mg/l | |
| | Sediment | 58,22 mg/kg | 5,822 mg/kg | |
| | STP | | | 10 mg/l |
| | Soil | | | 11,54 mg/kg |
| Hexyl salicylate | Water | 0 mg/l | 0 mg/l | |
| | Sediment | 0,272 mg/kg | 0.027 mg/kg | |
| | Intermittent water | | | 0,0036 mg/l |
| | STP | | | 10 mg/l |
| | Soil | | | 0.054 mg/kg |
| p-Methoxybenzyl acetate | Water | 0,013 mg/l | 0,001 mg/l | |
| | Sediment | 0,18 mg/kg | 0,018 mg/kg | |
| | STP | | | 0,2 mg/l |
| | Soil | | | 0,028 mg/kg |
| 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one | Water | 0,004 mg/l | 0 mg/l | |
| | Sediment | 0,0991 mg/kg | 0,00991 mg/kg | |
| | STP | | | 10 mg/l |
| | Soil | | | 0,0174 mg/kg |
| | Oral | | | 1,11 mg/kg food |
| 2-Methoxy-4-propylphenol | Water | 0.0033 mg/l | 0.00033 mg/l | |
| | Sediment | 0.089 mg/kg | 0.009 mg/kg | |
| | STP | | | 10 mg/l |
| | Soil | | | 0.016 mg/kg |
| | Oral | | | 41.5 mg/kg food |
| 4-trans-Propenylveratrole | Water | 0.013 mg/l | 0.0013 mg/l | |
| | Sediment | 0.422 mg/kg | 0.0422 mg/kg | |
| | STP | | | 10 mg/l |
| | Soil | | | 0.077 mg/kg |
| | Oral | | | 8.8 mg/kg food |

| | | | | |
|---|---|---|---|---|
| 3-p-Cumenyl-2-methylpropionaldehyde | Water | 0,00109 mg/l | 0,00011 mg/l | |
| | Sediment | 0,126 mg/kg | 0.013 mg/kg | |
| | Intermittent water | | | 0,01092 mg/l |
| | STP | | | 1 mg/l |
| | Soil | | | 0.025 mg/kg |
| | Oral | | | 33.3 mg/kg food |

### 8.2. Exposure controls

Engineering measures : Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:
The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

:

Body protection : Wear appropriate protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345. Suitable material: laminated film. Indication of permeation breakthrough time: not known.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.

Hand protection : Wear appropriate safety gloves in accordance with EN 374. Suitable material: laminated film. ± 0,5 mm. Indication of permeation breakthrough time: not known.

Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166 / ISO 16321-3, when there is danger of possible eye contact.

Environmental exposure controls : Avoid release to the environment.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

| | | |
|---|---|---|
| Physical state | : Liquid. | Impregnated material. |
| Colour | : Light yellow. | |
| Odour | : Perfumed. | |
| Odour threshold | : Not known. | |
| pH | : Not applicable. | Waterfree product. |
| Solubility in water | : Not soluble. | |
| Partition coefficient (n-octanol/water) | : Not applicable. | Not measured. Not relevant for mixtures. |
| Flash point | : > 100 °C | Closed cup. |
| Flammability | : Not flammable. | |
| Auto ignition temperature | : > 250 °C | |
| Boiling point/boiling range | : > 100 °C | |
| Melting point/melting range | : Not known. | |
| Explosive properties | : Not explosive. | |
| Explosion limits (% in air) | : Not known. | Lower explosion limit in air (%): 1,4 ( 2-Phenylethanol ) |
| | : | Upper explosion limit in air (%): 11,9 ( 2-Phenylethanol ) |
| Oxidising properties | : Not applicable. | Does not contain oxidizing substances. |

| | | | |
|---|---|---|---|
| Decomposition temperature | : | Not applicable. | |
| Viscosity (20°C) | : | Not known. | |
| Viscosity (40°C) | : | Not relevant. | The product contains < 10% substances having an aspiration hazard. |
| Vapour pressure (20°C) | : | Not known. | |
| Relative vapour density | : | Not known | (air = 1) |
| Relative density (20°C) | : | Not known. | |
| Particle characteristics | : | Not applicable. | Liquid. |

### 9.2. Other information

Other information : Not relevant.

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

Reactivity : See sub-sections below.

### 10.2. Chemical stability

Stability : Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

### 10.4. Conditions to avoid

Conditions to avoid : See section 7.

### 10.5. Incompatible materials

Materials to avoid : Keep away from oxidizing agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

## SECTION 11 TOXICOLOGICAL INFORMATION

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

No toxicological research has been carried out on this product.

Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 35 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Skin contact

- Acute toxicity : Calculated LD50: > 4361 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Irritant. May cause redness. Prolonged contact may dry out and defat the skin.
- Sensitisation : May cause sensitisation by skin contact. May produce an allergic reaction.

Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Eye contact

Corrosion/irritation : Irritant.

Ingestion

Acute toxicity : Calculated LD50: > 1959 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.

Target organ toxicity (SE) : No specific effects and/or symptoms are known.

Aspiration : Not classified - based on available data, the classification criteria are not met. Does not contain substances with an aspiration hazard.

Corrosion/irritation : No specific effects and/or symptoms are known.

Carcinogenicity : Does not contain carcinogenic substances. Not classified - based on available data, the classification criteria are not met.

Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Reprotoxicity : Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

Toxicological information:

| Chemical name | Property | | Method | Test animal |
|---|---|---|---|---|
| 2-Phenylethanol | LD50 (oral) | 1609 mg/kg bw | ----- | Rat |
| | NOAEL (dermal) | 510 mg/kg bw/d | OECD 411 | Rat |
| | Genotoxicity - in vitro | Not genotoxic | OECD 476 | |
| | NOAEL (development, oral) | 4,3 mg/kg bw/d | | Rat |
| | Eye irritation | Irritant | ----- | Rabbit |
| | Skin irritation | Slightly irritant | ----- | Rabbit |
| | LD50 (dermal) | 2535 mg/kg bw | OECD 402 | Rabbit |
| | Skin sensitisation - estimate | Not sensitizing | | |
| | LC50 (inhalation) | > 4630 mg/m3 | | Rat |
| | NOAEL (developmental toxicity, dermal) | 140 mg/kg bw/d | | Rat |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | LC50 (inhalation) - estimate | > 5000 mg/m3 | | Rat |
| Terpineol | Skin irritation | Irritant | OECD 404 | Rabbit |
| | LD50 (dermal) | > 2000 mg/kg bw | OECD 402 | Rat |
| | Skin sensitisation | Not sensitizing | OECD 406 | Guinea pig |
| | NOAEL (oral) | 250 mg/kg bw/d | OECD 422 | Rat |
| | LD50 (oral) | > 2000 mg/kg bw | OECD 401 | Rat |
| | LC50 (inhalation) - estimate | > 5000 mg/m3 | | |
| | LC50 (inhalation) | > 4760 mg/m3 | OECD 403 | Rat |
| | Eye irritation | Irritant | OECD 405 | Rabbit |
| | NOAEL (fertility, oral) | 250 mg/kg bw/d | OECD 422 | Rat |
| | NOAEL (inhalation) | 2230 mg/m3 | OECD 413 | Rat |
| | NOAEL (fertility, inh.) | 2230 mg/m3 | OECD 413 | Rat |
| | Genotoxicity - in vitro | Not genotoxic | OECD 473 | |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | NOAEL (development, oral) | 500 mg/kg bw/d | OECD 414 | Rat |

| | | | | |
|---|---|---|---|---|
| Reaction mass of cis-4-(isopropyl)cyclohexanemethanol and trans-4-(isopropyl)cyclohexanemethanol | LD50 (oral) | > 10000 mg/kg bw | OECD 401 | Rat |
| | LD50 (dermal) | > 2000 mg/kg bw | OECD 402 | |
| Coumarin | Skin sensitisation | > 12500 ug/cm2 | OECD 429 | Mouse |
| | NOAEL (development, oral) | > 115 mg/kg bw/d | | Mouse |
| | Eye irritation | Non-irritant | | Rabbit |
| | LD50 (oral) | 680 mg/kg bw | ----- | Rat |
| | NOAEL (oral) | > 138,3 mg/kg bw/d | | Mouse |
| | Skin irritation | Non-irritant | | Rabbit |
| | Genotoxicity - in vitro | Not genotoxic | OECD 476 | |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Genotoxicity - in vivo | > 105 mg/kg bw/d | OECD 474 | Mouse |
| | NOEL (carcinogenicity) - estimate | Not carcinogenic | | |
| 3,7-Dimethylnona-1,6-dien-3-ol | LD50 (oral) | 5000 mg/kg bw | ----- | Rat |
| | LD50 (dermal) | > 5000 mg/kg bw | ----- | Rabbit |
| | NOAEL (oral) - estimate | 117 mg/kg bw/d | Read across | Rat |
| | NOAEL (dermal) - estimate | 250 mg/kg bw/d | Read across | Rat |
| | Mutagenicity | Not mutagenic | OECD 471 | Salmonella typhimurium |
| | Skin irritation | Irritant | ----- | Rabbit |
| | Eye irritation | Irritant | ----- | Rabbit |
| Vanillin | LD50 (oral) | > 3500 mg/kg bw | ----- | Rat |
| | LD50 (dermal) | > 5010 mg/kg bw | | Rabbit |
| | Skin sensitisation | Sensitizing. | | Guinea pig |
| | Skin irritation | Non-irritant | ----- | Rabbit |
| | Eye irritation | Slightly irritant | ----- | Rabbit |
| | NOEL (carcinogenicity, oral) | Not carcinogenic | ----- | Rat |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | NOEL (oral) | 2500 mg/kg bw/d | | Rat |
| | NOAEL (development, oral) | > 500 mg/kg bw/d | ----- | Rat |
| | Genotoxicity - in vitro | Not genotoxic | OECD 473 | |
| | NOAEL (oral) | > 650 mg/kg bw/d | OECD 408 | Rat |
| Hexyl salicylate | LD50 (oral) | > 5000 mg/kg bw | OECD 401 | Rat |
| | NOAEL (inhalation) | 249 mg/m3 | OECD 412 | Rat |
| | LD50 (dermal) | > 5000 mg/kg bw | OECD 402 | Rabbit |
| | NOAEL (oral) - estimate | 50 mg/kg bw/d | Read across | |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Genotoxicity - in vitro | Not genotoxic | OECD 476 | Chinese Hamster |
| | Genotoxicity - in vivo | Not genotoxic | ----- | Mouse |
| | NOAEL (development) - estimate | Not teratogenic | Read across | |
| | NOAEL (fertility) - estimate | Not reprotoxic | Read across | |
| | Eye irritation | Non-irritant | OECD 405 | Rabbit |
| | Skin irritation | Moderately irritant | OECD 404 | Rabbit |
| p-Methoxybenzyl acetate | LD50 (dermal) | > 2000 mg/kg bw | OECD 402 | Rat |
| | NOAEL (oral) | 400 mg/kg bw/d | OECD 422 | Rat |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Genotoxicity - in vitro | Not genotoxic | OECD 476 | Chinese Hamster |

| | | | | |
|---|---|---|---|---|
| | Skin irritation | Non-irritant | | Human |
| | Eye irritation | Non-irritant | OECD 405 | Rabbit |
| | NOAEL (development, oral) | 400 mg/kg bw/d | OECD 422 | Rat |
| | NOAEL (fertility, oral) | 100 mg/kg bw/d | OECD 422 | Rat |
| | Skin sensitisation | Sensitizing. | OECD 429 | Mouse |
| | LD50 (oral) | > 2000 mg/kg bw | OECD 423 | Rat |
| 1,2,3,5,6,7-Hexahydro-1,1,2,3,3-pentamethyl-4H-inden-4-one | Genotoxicity - in vitro | Not genotoxic | OECD 476 | Mouse |
| | LD50 (oral) | > 2325 mg/kg bw | OECD 401 | Rat |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Skin irritation | Irritant | | Human |
| | Eye irritation | Irritant | ----- | ----- |
| | NOAEL (oral) | 10 mg/kg bw/d | OECD 408 | Rat |
| | NOAEL (development, oral) | 115 mg/kg bw/d | OECD 421 | Rat |
| | NOAEL (fertility, oral) | 115 mg/kg bw/d | OECD 421 | Rat |
| 2-Methoxy-4-propylphenol | LD50 (oral) | 2600 mg/kg bw | OECD 401 | Rat |
| | LD50 (dermal) | > 2000 mg/kg bw | OECD 402 | Rat |
| 4-trans-Propenylveratrole | LD50 (oral) - estimate | 2500 mg/kg bw | | Rat |
| | NOAEL (oral) | > 275 mg/kg bw/d | OECD 407 | Rat |
| | Genotoxicity - in vitro | Genotoxic | OECD 473 | |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Genotoxicity - in vivo | > 608 mg/kg bw/d | OECD 474 | Mouse |
| | NOAEL (fertility, oral) | 272 mg/kg bw/d | OECD 421 | Rat |
| 3-p-Cumenyl-2-methylpropionaldehyde | Skin sensitisation | 5575 ug/cm2 | OECD 429 | Mouse |
| | NOAEL (oral) | 300 mg/kg bw/d | | Rabbit |
| | Skin irritation | Slightly irritant | | Rabbit |
| | LD50 (oral) | 3810 mg/kg bw | ----- | Rat |
| | NOAEL (fertility, oral) | 25 mg/kg bw/d | OECD 415 | Rat |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Genotoxicity - in vivo | > 2000 mg/kg bw/d | Read across | Mouse |
| | Eye irritation | Non-irritant | | Rabbit |
| | LD50 (dermal) | > 5000 mg/kg bw | ----- | Rat |

### 11.2. Information on other hazards

Endocrine disrupting properties : This product does not contain components considered to have endocrine disrupting properties at levels of 0.1% or higher.
Other information : Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION

### 12.1. Toxicity

No ecotoxicological research has been carried out on this product.
Ecotoxicity : Toxic to aquatic organisms. Calculated LC50 (fish): 7 mg/l. Calculated EC50 (waterflea): 5 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment.

### 12.2. Persistence and degradability

Persistence – degradability : May cause long-term adverse effects in the aquatic environment.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

### 12.4. Mobility in soil

Mobility : Adsorbs to soil and has low mobility.

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

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

**12.6. Endocrine disrupting properties**

Endocrine disrupting properties : This product does not contain components considered to have endocrine disrupting properties at levels of 0.1% or higher.

**12.7. Other adverse effects**

Other adverse effects : Not applicable.

Ecological information:

| Chemical name | Property | | Method | Test animal |
|---|---|---|---|---|
| Reaction mass of 2-methylbutyl salicylate and pentyl salicylate | LC50 (fish) | 1,34 mg/l | | Brachydanio rerio |
| | EC50 (waterflea) | 0,88 mg/l | OECD 202 | Daphnia magna |
| | IC50 (algea) | 0,49 mg/l | OECD 201 | Pseudokirchnerella subcapitata |
| | NOEC (algae) | 0,11 mg/l | OECD 201 | Pseudokirchnerella subcapitata |
| | Ultimate aerobic biodegradation (%) | 81,3 % | OECD 301 B | |
| | Log P(ow) | 4,4 | | |
| | BCF | 116 | | |
| Reaction mass of 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-5-yl acetate and 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-6-yl acetate | LC50 (fish) | 15,8 mg/l | OECD 203 | Brachydanio rerio |
| | EC50 (waterflea) | 25 mg/l | OECD 202 | Daphnia magna |
| | NOEC (waterflea) - chronic | > 2,5 mg/l.d | OECD 211 | Daphnia magna |
| | Ultimate aerobic biodegradation (%) | < 60 | OECD 301 F | |
| | IC50 (algea) | 6,4 mg/l | OECD 201 | Desmodesmus subspicatus |
| | Log P(ow) | 3,9 | | |
| (E)-4-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-3-buten-2-one | EC50 (waterflea) | 1 mg/l | | Daphnia magna |
| | Ultimate aerobic biodegradation (%) | 80 % | | |
| | EC100 (waterflea) | 3,2 mg/l | | Daphnia magna |
| | LC50 (fish) | 5,09 mg/l | ----- | Pimephales promelas |
| | EC0 (waterflea) | 0,18 mg/l | | Daphnia magna |
| | IC50 (algea) | 20,9 mg/l | | Scenedesmus subspicatus |
| | Log P(ow) | 4,0000 | | |
| Hexyl salicylate | EC50 (waterflea) | 0,357 mg/l | OECD 202 | Daphnia magna |
| | IC50 (algea) | 0,61 mg/l | OECD 201 | Desmodesmus subspicatus |
| | LC50 (fish) - estimate | 1,34 mg/l | ----- | Brachydanio rerio |
| | Ultimate aerobic biodegradation (%) | 91 % | OECD 301 F | |
| | NOEC (waterflea) - acute | 0,140 mg/l | OECD 202 | Daphnia magna |
| | Log P(ow) | 5,5000 | | |

## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

| | | |
|---|---|---|
| Product residues | : | Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues, impregnated wipes and non-empty pack as hazardous waste. |
| Additional warning | : | None. |
| Waste water discharge | : | Do not dispose of into the environment, drains, sewers or water courses. |
| European waste catalogue | : | Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot. |
| Local legislation | : | Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with. |

## SECTION 14 TRANSPORT INFORMATION

### 14.1. UN number or ID number

UN nr. : None.

### 14.2. UN proper shipping name

Transport name : Not regulated.

### 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : This product is not classified according to ADR/RID/ADN.

Other information : Exempted according to special provision 335.

IMDG (sea)

Class : This product is not classified according to IMDG.

Other information : Exempted according to special provision 335.

IATA (air)

Class : This product is not classified according to IATA.

### 14.6. Special precautions for user

Other information : Country specific variations may apply.

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

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

## SECTION 15 REGULATORY INFORMATION

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

| | | |
|---|---|---|
| Community regulations | : | Regulation (EU) No 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations. Directive 2008/98/EC (waste). |
| PIC Regulation | : | Does not contain substances listed on the PIC list (Regulation EU 649/2012). |
| POP Regulation | : | Does not contain substances listed on the POP list (Regulation EU 2019/1021). |
| Ozone Regulation | : | Does not contain substances listed on the Ozone Depletion list (Regulation EU 1005/2009). |
| Explosives Precursors Regulation | : | Does not contain substances listed on the Explosives Precursors list (Regulation EU 2019/1148). |

| | | |
|---|---|---|
| Drug Precursors Regulation | : | Does not contain substances listed on the Drug Precursors list (Regulation EC 273/2004). |

SEVESO III Directive 2012/18/EU

| | | |
|---|---|---|
| Hazard code | : | E2 |
| Hazard category | : | Environmental hazard |
| Qualifying quantity (tonnes) - lower | : | 200 |
| Qualifying quantity (tonnes) - upper | : | 500 |

### 15.2. Chemical safety assessment

| | | |
|---|---|---|
| Chemical safety assessment | : | A Chemical Safety Assessment has not been carried out. |

## SECTION 16 OTHER INFORMATION

### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

A section with changed or new information with regard to the previous release is indicated with an asterisk (*).

List of abbreviations and acronyms that could be used (but not necessarily are used) in this safety data sheet:

| | | |
|---|---|---|
| ADR | : | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | : | Acute Toxicity Estimate |
| CLP | : | Classification, Labeling & Packaging |
| CMR | : | Carcinogenic, Mutagenic or toxic for Reproduction |
| EEC | : | European Economic Community |
| GHS | : | Globally Harmonized System of Classification and Labelling of Chemicals |
| IATA | : | International Air Transport Association |
| IBC code | : | The IMO International Code for construction and equipment of ships carrying dangerous chemicals in bulk. |
| IMDG | : | International Maritime Dangerous Goods Code |
| LD50/LC50 | : | Lethal Dose/Concentration for 50% of a population |
| MAC | : | Maximum Allowable Concentration |
| MARPOL | : | International Convention for the Prevention of Pollution From Ships |
| NO(A)EL | : | No Observed (Adverse) Effect Level |
| OECD | : | Organisation for Economic Co-operation and Development |
| PBT | : | Persistent, Bioaccumulative and Toxic |
| PC | : | Chemical product category |
| PIC | : | The Prior Informed Consent procedure for the import and export of certain hazardous chemicals and pesticides. |
| POP | : | Persistent organic pollutants |
| PT | : | Product type |
| REACH | : | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | : | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| STP | : | Sewage Treatment Plant |
| SU | : | Sector of Use |
| TWA/STEL | : | Time-Weighted Average/Short Term Exposure Limit |
| UN | : | United Nations |
| UFI | : | Unique formula identifier |

| | | |
|---|---|---|
| VOC | : | Volatile Organic Compounds |
| vPvB | : | Very Persistent and Very Bioaccumulative |

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

| | | |
|---|---|---|
| Skin Irrit. 2 | : | Calculation method. |
| Eye Irrit. 2 | : | Calculation method. |
| Skin Sens. 1/1A/1B | : | Calculation method. |
| Aquatic Chronic 2 | : | Calculation method. |

Full text of hazard classes mentioned in section 3:

| | | |
|---|---|---|
| Acute Tox. 4 | : | Acute toxicity, category 4. |
| Skin Irrit. 2 | : | Skin irritation, category 2. |
| Eye Dam. 1 | : | Serious eye damage, category 1. |
| Eye Irrit. 2 | : | Eye irritation, category 2. |
| Skin Sens. 1/1A/1B | : | Skin sensitization, category 1/1A/1B. |
| STOT SE 3 | : | Specific target organ toxicity after single exposure, category 3. |
| Aquatic Chronic 1 | : | Hazardous to the aquatic environment — Chronic category 1. |
| Aquatic Chronic 2 | : | Hazardous to the aquatic environment — Chronic category 2. |
| Aquatic Chronic 3 | : | Hazardous to the aquatic environment — Chronic category 3. |
| Aquatic Acute 1 | : | Hazardous to the aquatic environment — Acute category 1. |

Full text of H-phrases mentioned in section 3:

| | |
|---|---|
| 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. |
| H361d | Suspected of damaging 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. |

Advice on any training appropriate for workers: none.

| | | |
|---|---|---|
| Country / Language code | : | EC / EN |
| Number format | : | "," used as decimal separator. |

End of safety data sheet.