

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 03/08/2019 Revision date: 03/08/2019 Version: 1.2

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : CUCUMBER
CAS-No. : N/A

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Sarah Horowitz Parfums
822 Hampshire Rd
STE A
Westlake Village, Ca 91361

1.4. Emergency telephone number

Emergency number : CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300 CCN 13010

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (inhalation:vapor) Category 3 Toxic if inhaled
Skin sensitization, Category 1 May cause an allergic skin reaction
Reproductive toxicity Category 2 Suspected of damaging fertility or the unborn child

2.2. GHS Label elements, including precautionary statements

GHS US labeling



Hazard pictograms (GHS US) :

GHS06 GHS07 GHS08

Signal word (GHS US) : Danger

Hazard statements (GHS US) : May cause an allergic skin reaction
Toxic if inhaled
Suspected of damaging fertility or the unborn child

Precautionary statements (GHS US) : Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If exposed or concerned: Get medical advice/attention.
Call a poison center or doctor.
Specific treatment (see supplemental first aid instruction on this label).
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|--------------------|---------|--|
| PHENYLETHYL ALCOHOL | (CAS-No.) 60-12-8 | 1 – 5 | Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319 |
| 2-Methyl-3-(p-isopropylphenyl)propionaldehyde | (CAS-No.) 103-95-7 | 1 – 5 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| LINALOOL | (CAS-No.) 78-70-6 | 1 – 5 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 |
| CITRONELLOL | (CAS-No.) 106-22-9 | 1 – 5 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 |
| p-t-Butyl- α -methylhydrocinnamic aldehyde | (CAS-No.) 80-54-6 | 0.1 – 1 | Acute Tox. 4 (Oral), H302 Acute Tox. 1 (Inhalation:vapour), H330 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 |
| GERANIOL | (CAS-No.) 106-24-1 | 0.1 – 1 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor.

First-aid measures after skin contact : 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 eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : May cause an allergic skin reaction.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

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

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

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

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| |
|---|
| OIL, CUCUMBER* (N/A) |
| No additional information available |
| CITRONELLOL (106-22-9) |
| No additional information available |
| 2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7) |
| No additional information available |
| GERANIOL (106-24-1) |
| No additional information available |
| p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6) |
| No additional information available |
| LINALOOL (78-70-6) |
| No additional information available |
| PHENYLETHYL ALCOHOL (60-12-8) |
| No additional information available |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear respiratory protection.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

: COLORLESS VISCOUS LIQUID

Odor : CHARACTERISTIC, MATCHING THE RETAINER SAMPLE. Odor threshold : No data available

pH : No data available

Melting point : Not applicable

Freezing point : No data available

Boiling point : No data available

Flash point : 112 °C

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Not applicable.

Vapor pressure : No data available

Relative vapor density at 20 °C : No data available

Relative density : 1.014 (1.004 – 1.024)

Solubility : Insoluble.

Partition coefficient n-octanol/water (Log Pow) : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : No data available

Viscosity, dynamic : No data available

Explosion limits : No data available

Explosive properties : No data available

Oxidizing properties : No data available

9.2. Other information

Refractive index : 1.446 (1.436 – 1.456)

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

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Toxic if inhaled.

ATE US (vapors) 2.619 mg/l/4h

CITRONELLOL (106-22-9)

| | |
|---------------|------------------------|
| ATE US (oral) | 3450 mg/kg body weight |
|---------------|------------------------|

ATE US (dermal) 2650 mg/kg body weight

2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7)

| | |
|-----------------|--|
| LD50 oral rat | 3810 mg/kg (Rat, Male / female, Weight of evidence, Oral, 14 day(s)) |
| LD50 dermal rat | > 5000 mg/kg (Rat, Male, Experimental value, Dermal, 14 day(s)) |
| ATE US (oral) | 3810 mg/kg body weight |

GERANIOL (106-24-1)

| | |
|--------------------|---|
| LD50 oral rat | 3600 mg/kg body weight (Rat; Experimental value) |
| LD50 dermal rabbit | > 5000 mg/kg body weight (Rabbit; Experimental value) |
| ATE US (oral) | 3600 mg/kg body weight |

p-t-Butyl- α -methylhydrocinnamic aldehyde (80-54-6)

| | |
|-----------------------|--|
| LD50 oral rat | 1390 mg/kg (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rat | > 2000 mg/kg (Equivalent or similar to OECD 402, Rat, Male / female, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | > 0.18 mg/l (IRT (inhalation risk test), 7 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s)) |
| ATE US (oral) | 1390 mg/kg body weight |

ATE US (vapors) 0.05 mg/l/4h

LINALOOL (78-70-6)

| | |
|--------------------|------------------------|
| LD50 oral rat | 2790 mg/kg (Rat) |
| LD50 dermal rat | 5610 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 2790 mg/kg body weight |
| ATE US (dermal) | 5610 mg/kg body weight |

| PHENYLETHYL ALCOHOL (60-12-8) | |
|--------------------------------------|--|
| LD50 oral rat | 1603 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | 2535 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | > 4.63 mg/l (4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s)) |
| ATE US (oral) | 500 mg/kg body weight |

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

Symptoms/effects after skin contact : May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| 2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7) | |
|---|--|
| LC50 fish 1 | 1.092 mg/l (96 h, Calculated value) |
| EC50 Daphnia 1 | 1.4 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi static system, Fresh water, Experimental value) |

GERANIOL (106-24-1)

LC50 fish 1 > 9.8 mg/l (LC50; 96 h)

p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6)

| | |
|----------------|---|
| LC50 fish 1 | 2.04 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Flow-through system, Fresh water, Experimental value, GLP) |
| EC50 Daphnia 1 | 10.7 mg/l (Other, 48 h, Daphnia magna, Static system, Fresh water, Experimental value) |

LINALOOL (78-70-6)

| | |
|--------------------------------|--|
| EC50 Daphnia 1 | 59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna) |
| EC50 other aquatic organisms 1 | ≥ 100 mg/l (3 h; Activated sludge) |
| LC50 fish 2 | 27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri) |
| Threshold limit algae 1 | 88.3 mg/l (EC50; 96 h) |

| | |
|--------------------------------------|---|
| PHENYLETHYL ALCOHOL (60-12-8) | |
| LC50 fish 1 | 215 – 464 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value, Lethal) |
| EC50 Daphnia 1 | 287.17 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |
| ErC50 (algae) | 1300 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration) |

12.2. Persistence and degradability

| | |
|-------------------------------|------------------------------------|
| CITRONELLOL (106-22-9) | |
| Persistence and degradability | Readily biodegradable in water. |
| Chemical oxygen demand (COD) | 2.05 g O ₂ /g substance |

ThOD 2.961 g O₂/g substance

2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7)

| | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

| | |
|-------------------------------|---------------------------------|
| GERANIOL (106-24-1) | |
| Persistence and degradability | Readily biodegradable in water. |

ThOD 2.9 g O₂/g substance

p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6)

| | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
|-------------------------------|---------------------------------|

| | |
|---------------------------------|-------------------------------------|
| LINALOOL (78-70-6) | |
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.531 g O ₂ /g substance |

Chemical oxygen demand (COD) 2.808 g O₂/g substance

PHENYLETHYL ALCOHOL (60-12-8)

| | |
|---------------------------------|--|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.45 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2.5 g O ₂ /g substance |
| ThOD | 2.6 g O ₂ /g substance |

12.3. Bioaccumulative potential**CITRONELLOL (106-22-9)**

| | |
|---|-------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.41 – 3.91 |
|---|-------------|

2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7)

| | |
|---|---|
| BCF fish 1 | 155 l/kg (Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 3.4 (Practical experience/observation, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 35 °C) |

Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

GERANIOL (106-24-1)

Bioaccumulative potential No bioaccumulation data available.

p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6)

| | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 4.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 24 °C) |
|---|---|

Bioaccumulative potential Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

LINALOOL (78-70-6)

| | |
|---|--------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.84 – 3.145 |
|---|--------------|

Bioaccumulative potential Bioaccumable.

PHENYLETHYL ALCOHOL (60-12-8)

| | |
|---|---|
| BCF fish 1 | 2.036 l/kg (BCFBAF v3.01, Estimated value, Fresh weight) |
| Partition coefficient n-octanol/water (Log Pow) | 1.3 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil**2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7)**

| | |
|---|---|
| Partition coefficient n-octanol/water (Log Koc) | 3.05 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental) |
|---|---|

| | |
|----------------|-------------------------------------|
| | value) |
| Ecology - soil | Low potential for mobility in soil. |

| | |
|---|--|
| p-t-Butyl-α-methylhydrocinnamic aldehyde (80-54-6) | |
| Partition coefficient n-octanol/water (Log Koc) | 3.11 (log Koc, PCKOCWIN v1.66, Calculated value) |
| Ecology - soil | Low potential for mobility in soil. |

| | |
|---|--|
| PHENYLETHYL ALCOHOL (60-12-8) | |
| Surface tension | 59.7 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Partition coefficient n-octanol/water (Log Koc) | 1.5 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |
| Ecology - soil | Highly mobile in soil. |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. **SECTION 14:**

Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

| |
|---|
| CITRONELLOL (106-22-9) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| |
|---|
| 2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

GERANIOL (106-24-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

p-t-Butyl- α -methylhydrocinnamic aldehyde (80-54-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

LINALOOL (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

PHENYLETHYL ALCOHOL (60-12-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations**CANADA****CITRONELLOL (106-22-9)**

Listed on the Canadian DSL (Domestic Substances List)

2-Methyl-3-(p-isopropylphenyl)propionaldehyde (103-95-7)

Listed on the Canadian DSL (Domestic Substances List)

GERANIOL (106-24-1)

Listed on the Canadian DSL (Domestic Substances List)

p-t-Butyl- α -methylhydrocinnamic aldehyde (80-54-6)

Listed on the Canadian DSL (Domestic Substances List)

LINALOOL (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

PHENYLETHYL ALCOHOL (60-12-8)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

National regulations

No additional information available

15.3. US State regulations



WARNING: This product can expose you to myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Full text of H-phrases:

| | |
|------|---|
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H330 | Fatal if inhaled |
| H361 | Suspected of damaging fertility or the unborn child |

