

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : Night Ice

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Perfume ingredient. Not for use in food or feed.

1.3. Supplier

AAA Candle Supplies, Inc.
 10460 Brockwood Rd
 Dallas, Texas 75238
 T (214) 342-9898
www.AAACandleSupply.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

| | | |
|--|------|---|
| Flammable liquids Category 4 | H227 | Combustible liquid |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2 | H319 | Causes serious eye irritation |
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction |
| Reproductive toxicity Category 2 | H361 | Suspected of damaging fertility or the unborn child |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H227 - Combustible liquid
 H315 - Causes skin irritation
 H317 - May cause an allergic skin reaction
 H319 - Causes serious eye irritation
 H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 - Avoid breathing mist, vapors and spray.
 P264 - Wash hands, forearms and face thoroughly after handling.
 P272 - Contaminated work clothing must not be allowed out of the workplace
 P280 - Wear protective gloves, protective clothing, eye and face protection
 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
 P308+P313 - If exposed or concerned: Get medical attention.
 P333+P313 - If skin irritation or rash occurs: Get medical attention.
 P337+P313 - If eye irritation persists: Get medical attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
 P363 - Wash contaminated clothing before reuse.
 P370+P378 - In case of fire: Use media other than water to extinguish.
 P403+P235 - Store in a well-ventilated place. Keep cool.
 P405 - Store locked up.
 P501 - Dispose of contents and container in accordance with applicable regulations.

2.3. Other hazards which do not result in classification

No additional information available

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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 |
|---|----------------------|--------|---|
| 2,6-dimethyl-7-octen-2-ol | (CAS-No.) 18479-58-8 | 5 - 20 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 |
| Tetramethyl acetyloctahydronaphthalenes | (CAS-No.) 54464-57-2 | < 5 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| Ethylene brassylate | (CAS-No.) 105-95-3 | < 5 | Skin Irrit. 2, H315 |
| linalol | (CAS-No.) 78-70-6 | < 5 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H336 |
| linalyl acetate | (CAS-No.) 115-95-7 | < 5 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 |
| Orange terpenes | (CAS-No.) 8028-48-6 | < 5 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H335 Asp. Tox. 1, H304 |
| trans-anethol | (CAS-No.) 4180-23-8 | < 5 | Skin Sens. 1, H317 |
| (+/-)-beta-citronellol | (CAS-No.) 106-22-9 | < 5 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 |
| alpha-hexylcinnamaldehyde | (CAS-No.) 101-86-0 | < 5 | Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1, H317 |
| 2-(4-tert-butylbenzyl)propionaldehyde | (CAS-No.) 80-54-6 | < 5 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 |
| coumarin | (CAS-No.) 91-64-5 | < 5 | Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 STOT RE 2, H373 |
| beta-pinene | (CAS-No.) 127-91-3 | < 5 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304 |

* Percentage ranges represent trade secret

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.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- First-aid measures after ingestion : Call a poison center or doctor if you feel unwell.

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

- Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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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

Fire hazard : Combustible liquid.

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. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Avoid breathing mist, vapors and spray.

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 : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing mist, vapors and spray.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. 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 in a well-ventilated place. Keep cool. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

2,6-dimethyl-7-octen-2-ol (18479-58-8)

Not applicable

coumarin (91-64-5)

Not applicable

beta-pinene (127-91-3)

| ACGIH | ACGIH TWA (ppm) | 20 ppm (Turpentine and selected monoterpenes; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value) |
|-------|-----------------|---|
| | | |

(+/-)-beta-citronellol (106-22-9)

Not applicable

2-(4-tert-butylbenzyl)propionaldehyde (80-54-6)

Not applicable

linalol (78-70-6)

Not applicable

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| |
|---|
| Tetramethyl acetyloctahydronaphthalenes (54464-57-2) |
| Not applicable |
| Orange terpenes (8028-48-6) |
| Not applicable |
| alpha-hexylcinnamaldehyde (101-86-0) |
| Not applicable |
| linalyl acetate (115-95-7) |
| Not applicable |
| trans-anethol (4180-23-8) |
| Not applicable |
| Ethylene brassylate (105-95-3) |
| Not applicable |

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
Color : Light yellow to yellow
Odor : characteristic
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 : No data available
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 : No data available
Solubility : Insoluble in water. Soluble in oil. Soluble in organic solvents.
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

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

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

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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

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

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) : Not classified

| 2,6-dimethyl-7-octen-2-ol (18479-58-8) | |
|--|--|
| LD50 oral rat | 3600 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 3600 mg/kg body weight |
| coumarin (91-64-5) | |
| LD50 oral rat | 300 - 900 mg/kg (Rat) |
| ATE US (oral) | 300 mg/kg body weight |
| beta-pinene (127-91-3) | |
| LD50 oral rat | 4700 mg/kg (Rat) |
| ATE US (oral) | 4700 mg/kg body weight |
| (+/-)-beta-citronellol (106-22-9) | |
| LD50 oral rat | 3450 mg/kg (Rat; Inconclusive, insufficient data) |
| LD50 dermal rabbit | 2650 mg/kg (Rabbit; Inconclusive, insufficient data) |
| ATE US (oral) | 3450 mg/kg body weight |
| ATE US (dermal) | 2650 mg/kg body weight |
| 2-(4-tert-butylbenzyl)propionaldehyde (80-54-6) | |
| LD50 oral rat | 1390 mg/kg (Rat) |
| LD50 dermal rat | > 2000 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 1390 mg/kg body weight |
| linalol (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 |
| alpha-hexylcinnamaldehyde (101-86-0) | |
| LD50 oral rat | 3100 mg/kg (Rat) |
| LD50 dermal rabbit | > 3000 mg/kg (Rabbit) |
| ATE US (oral) | 3100 mg/kg body weight |
| linalyl acetate (115-95-7) | |
| LD50 oral rat | 13934 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 13934 mg/kg body weight |
| trans-anethol (4180-23-8) | |
| LD50 oral rat | 2090 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |

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| trans-anethol (4180-23-8) | |
|--|--|
| ATE US (oral) | 2090 mg/kg body weight |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| coumarin (91-64-5) | |
| IARC group | 3 - Not classifiable |
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
| Specific target organ toxicity – single exposure | : Not classified |
| linalol (78-70-6) | |
| Specific target organ toxicity – single exposure | May cause drowsiness or dizziness. |
| Orange terpenes (8028-48-6) | |
| Specific target organ toxicity – single exposure | May cause respiratory irritation. |
| linalyl acetate (115-95-7) | |
| Specific target organ toxicity – single exposure | May cause respiratory irritation. |
| Specific target organ toxicity – repeated exposure | : Not classified |
| coumarin (91-64-5) | |
| Specific target organ toxicity – repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Eye irritation. |

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.

| coumarin (91-64-5) | |
|--|---|
| LC50 fish 1 | 56 mg/l (LC50; 96 h) |
| EC50 Daphnia 1 | 135 mg/l (EC50; 48 h) |
| (+/-)-beta-citronellol (106-22-9) | |
| LC50 fish 1 | > mg/l >10 <22,LC50; 96 h |
| EC50 Daphnia 1 | 17 mg/l (EC50; 48 h) |
| Threshold limit algae 1 | 2.4 mg/l (EC50; 72 h) |
| 2-(4-tert-butylbenzyl)propionaldehyde (80-54-6) | |
| LC50 fish 1 | > mg/l >2.2/4.6,LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio |
| EC50 Daphnia 1 | 10.7 mg/l (EC50; 48 h) |
| linalol (78-70-6) | |
| EC50 Daphnia 1 | 59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilization 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) |
| linalyl acetate (115-95-7) | |
| LC50 fish 1 | 11 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Cyprinus carpio) |
| EC50 Daphnia 1 | 15 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilization Test; 48 h; Daphnia magna) |
| Threshold limit algae 1 | 16 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus) |

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12.2. Persistence and degradability

| | |
|--|---|
| 2,6-dimethyl-7-octen-2-ol (18479-58-8) | |
| Persistence and degradability | Biodegradability in water: no data available. |
| coumarin (91-64-5) | |
| Persistence and degradability | Readily biodegradable in water. Photolysis in the air. |
| beta-pinene (127-91-3) | |
| Persistence and degradability | Not readily biodegradable in water. |
| (+/-)-beta-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 O ₂ /g substance |
| 2-(4-tert-butylbenzyl)propionaldehyde (80-54-6) | |
| Persistence and degradability | Readily biodegradable in water. |
| linalol (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 O ₂ /g substance |
| Orange terpenes (8028-48-6) | |
| Persistence and degradability | Biodegradability in water: no data available. |
| alpha-hexylcinnamaldehyde (101-86-0) | |
| Persistence and degradability | Readily biodegradable in water. |
| linalyl acetate (115-95-7) | |
| Persistence and degradability | Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil. Ozonation in the air. Photodegradation in the air. |
| trans-anethol (4180-23-8) | |
| Persistence and degradability | Ozonation in the air. Photodegradation in the air. |

12.3. Bioaccumulative potential

| | |
|--|--|
| 2,6-dimethyl-7-octen-2-ol (18479-58-8) | |
| Log Pow | 3.47 (Estimated value) |
| coumarin (91-64-5) | |
| BCF fish 1 | < 10 (BCF; 72 h) |
| BCF other aquatic organisms 1 | 42 (BCF; 24 h; Chlorella sp.) |
| Log Pow | 1.39 |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |
| beta-pinene (127-91-3) | |
| BCF fish 1 | 718 (BCF) |
| Log Pow | 4.16 (Experimental value) |
| Bioaccumulative potential | Bioaccumable. |
| (+/-)-beta-citronellol (106-22-9) | |
| Log Pow | 3.41 - 3.91 |
| 2-(4-tert-butylbenzyl)propionaldehyde (80-54-6) | |
| Log Pow | 4.3 |
| linalol (78-70-6) | |
| Log Pow | 2.84 - 3.145 |
| Bioaccumulative potential | Bioaccumable. |
| Orange terpenes (8028-48-6) | |
| Bioaccumulative potential | No bioaccumulation data available. |
| alpha-hexylcinnamaldehyde (101-86-0) | |
| BCF other aquatic organisms 1 | 3120 (BCF) |

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| | |
|---|---|
| alpha-hexylcinnamaldehyde (101-86-0) | |
| Log Pow | 4.7 |
| Bioaccumulative potential | Potential for bioaccumulation ($500 \leq BCF \leq 5000$). |
| linalyl acetate (115-95-7) | |
| Log Pow | 3.93 (Experimental value) |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents and container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT : Non-hazardous; not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

| |
|---|
| 2,6-dimethyl-7-octen-2-ol (18479-58-8) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| coumarin (91-64-5) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| beta-pinene (127-91-3) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| (+/-)-beta-citronellol (106-22-9) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| 2-(4-tert-butylbenzyl)propionaldehyde (80-54-6) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| linalol (78-70-6) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Tetramethyl acetyloctahydronaphthalenes (54464-57-2) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Orange terpenes (8028-48-6) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| alpha-hexylcinnamaldehyde (101-86-0) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| linalyl acetate (115-95-7) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| trans-anethol (4180-23-8) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Ethylene brassylate (105-95-3) |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

ational regulations

No additional information available

15.3. US State regulations

No additional information available

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SECTION 16: Other information

Full text of H-phrases:

| | |
|------|---|
| H226 | Flammable liquid and vapor. |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H361 | Suspected of damaging fertility or the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |

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