



Odor Counteractant Apple Blossom

Safety Data Sheet

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

1.1. Product identifier

Product form : Mixture
Product name : **Odor Counteractant Apple Blossom**
Product code : 11673

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

Use of the substance/mixture : Deodorizer

1.3. Details of the supplier of the safety data sheet

Val-U-Chem Inc.
2219 E. University Dr.
Phoenix, AZ 85034 - USA
T 602-957-2808 - F 602-957-2980

1.4. Emergency telephone number

Emergency number : 800-255-3924

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS US classification

Skin Irrit. 2 H315
Eye Dam. 1 H318
Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms :



GHS05

Signal word : Danger
Hazard statements : Causes skin irritation.
Causes serious eye damage.
Precautionary statements : Wash hands, forearms and face thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor/physician.
Specific treatment (see supplemental first aid instruction on this label).
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

2.3. Hazard not otherwise classified (HNOC)

No additional information available.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable.

(NOTE: If component displays the * (asterisk) symbol, the following statement applies.)

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

Full text of H-phrases: see section 16

3.2. Mixture

Odor Counteractant Apple Blossom

Safety Data Sheet

| Name | Product identifier | % | GHS US classification |
|---|----------------------|-------|---|
| poly(oxy-1,2-ethanedijyl), a-undecyl-w-hydroxy- | (CAS-No.) 34398-01-1 | 1 - 5 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401 |
| 2-propanol | (CAS-No.) 67-63-0 | 1 - 5 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 |

(NOTE: If component displays the * (asterisk) symbol, the following statement applies.)

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| First-aid measures after skin contact | : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Wash immediately with lots of water (15 minutes)/shower. Get medical advice/attention. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye damage. |
| Symptoms/effects after ingestion | : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Nausea. |

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

No data available specific to the product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Extinguishing media for surrounding fires. |
| Unsuitable extinguishing media | : No unsuitable extinguishing media known. |

5.2. Special hazards arising from the substance or mixture

No additional information available.

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |
| Other information | : No additional information available. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : Isolate from fire, if possible, without unnecessary risk. |
|------------------|---|

6.1.1. For non-emergency personnel

| | |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

6.1.2. For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--|
| Methods for cleaning up | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
|-------------------------|--|

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

Odor Counteractant Apple Blossom

Safety Data Sheet

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapor. Do not get in eyes, on skin, or on clothing.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| 2-propanol (67-63-0) | | |
|----------------------|-------------------------|------------|
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 200 ppm |
| OSHA | OSHA PEL (TWA) (mg/m³) | 980 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 400 ppm |
| OSHA | OSHA PEL (STEL) (mg/m³) | 1225 mg/m³ |
| OSHA | OSHA PEL (STEL) (ppm) | 500 ppm |

8.2. Exposure controls

- Personal protective equipment : Avoid all unnecessary exposure.
- Hand protection : Wear protective gloves.
- Eye protection : Chemical goggles or safety glasses.
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Other information : Do not eat, drink or smoke during use.
- Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Color : Clear
- Odor : Apple blossom
- Odor threshold : No data available
- pH : 7 - 9
- Melting point : No data available
- Freezing point : No data available
- Boiling point : > 200 °F
- Flash point : > 200 °F
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Vapor pressure : 14 mm Hg
- Vapor density : No data available
- Specific Gravity @ 77° F : 0.990 - 1.010
- Solubility : Soluble in water
Water: Complete
- Partition Coefficient n-Octanol-Water : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available

Odor Counteractant Apple Blossom

Safety Data Sheet

Viscosity : No data available

9.2. Other information

VOC content : < 25 g/l CARB VOC

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Stable under recommended conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

None identified.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

2-propanol (67-63-0)

| | |
|----------------------------|---|
| LD50 oral rat | 5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5840 mg/kg bodyweight; Rat) |
| LD50 dermal rabbit | 12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit) |
| LC50 inhalation rat (mg/l) | 73 mg/l/4h (Rat) |
| ATE US (oral) | 5045 mg/kg body weight |
| ATE US (dermal) | 12870 mg/kg body weight |
| ATE US (vapors) | 73 mg/l/4h |
| ATE US (dust, mist) | 73 mg/l/4h |

poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (34398-01-1)

| | |
|--------------------|-----------------------|
| LD50 oral rat | > 2000 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| ATE US (oral) | 500 mg/kg body weight |

Skin corrosion/irritation : Causes skin irritation.
pH: 7 - 9

Serious eye damage/irritation : Causes serious eye damage.
pH: 7 - 9

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified
Based on available data, the classification criteria are not met.

Carcinogenicity : Not classified

2-propanol (67-63-0)

| | |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

Reproductive toxicity : Not classified
Based on available data, the classification criteria are not met.

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after skin contact : Causes skin irritation.

Odor Counteractant Apple Blossom

Safety Data Sheet

| | |
|------------------------------------|--|
| Symptoms/effects after eye contact | : Causes serious eye damage. |
| Symptoms/effects after ingestion | : FOLLOWING SYMPTOMS MAY APPEAR LATER: Irritation of the gastric/intestinal mucosa. Nausea. |

SECTION 12: Ecological information

12.1. Toxicity

| 2-propanol (67-63-0) | |
|---|---|
| LC50 fish 1 | 4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system) |
| EC50 Daphnia 1 | > 10000 mg/l (48 h; Daphnia magna) |
| LC50 fish 2 | 9640 mg/l (96 h; Pimephales promelas; Lethal) |
| EC50 Daphnia 2 | 13299 mg/l (48 h; Daphnia magna) |
| Threshold limit algae 1 | > 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate) |
| Threshold limit algae 2 | 1800 mg/l (72 h; Algae; Cell numbers) |
| poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (34398-01-1) | |
| LC50 fish 1 | ≈ 7.5 (5 - 10) mg/l |
| EC50 Daphnia 1 | ≈ 7.5 (5 - 10) mg/l |
| ErC50 (algae) | ≈ 50 (1 - 100) mg/l |

12.2. Persistence and degradability

| 2-propanol (67-63-0) | |
|---------------------------------|--|
| Persistence and degradability | Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test)data on mobility of the substance available. |
| Biochemical oxygen demand (BOD) | 1.19 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2.23 g O ₂ /g substance |
| ThOD | 2.4 g O ₂ /g substance |
| BOD (% of ThOD) | 0.49 % ThOD |

12.3. Bioaccumulative potential

| 2-propanol (67-63-0) | |
|---------------------------|--|
| Log Pow | 0.05 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Other adverse effects

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Product/Packaging disposal recommendations | : Dispose of contents/container in accordance with Local, State, and Federal regulations. |
| Ecology - waste materials | : Avoid release to the environment. |

SECTION 14: Transport information

14.1. UN Number

| | |
|-------------------|---|
| UN-No.(DOT) | : Not Regulated |
| Other information | : No supplementary information available. |

14.2. UN proper shipping name

SECTION 15: Regulatory information

15.1. US Federal regulations

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

| 2-propanol (67-63-0) | |
|--|--|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. | |

Odor Counteractant Apple Blossom

Safety Data Sheet

2-propanol (67-63-0)

| | |
|-------------------------------------|---|
| SARA Section 311/312 Hazard Classes | Delayed (chronic) health hazard Immediate (acute) health hazard Fire hazard |
|-------------------------------------|---|

poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (34398-01-1)

| | |
|--|---------------------------------|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory. | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |

15.2. International regulations

CANADA

2-propanol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List).

EU-Regulations

No additional information available.

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

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

Abbreviations Legend:

| | |
|------|-----------------------------------|
| H225 | Highly flammable liquid and vapor |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H336 | May cause drowsiness or dizziness |
| H401 | Toxic to aquatic life |

Disclaimer

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.

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Version: 1.2