# SAFETY DATA SHEET

## 1. Identification

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| **Product Identifier** | **Cherry Almond Deodorizer** |
| **Other means of identification** | 14-BPNP, 14-CCLE, 114-CLL, 14-CJRL |
| **Product code** | |
| **Recommended use** | Concentrated water-soluble deodorizer. |
| **Recommended restrictions** | None. |
| **Manufacturer information** | |
| **Company name** | **Chemical Universe, Inc.** |
| **Address** | 1841 Vernon St.<br>North Kansas City, MO 64116 |
| **Telephone** | (816) 471-3602 |
| **FAX** | (816) 474-3302 |
| **Emergency phone number** | PERS 24-hour Emergency (800) 633-8253 |

## 2. Hazard(s) Identification

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|---|---|---|
| **Physical hazards** | Not classified. | |
| **Health hazards** | Skin Irritant<br>Eye Irritant | Category 2<br>Category 2B |
| **Environmental hazards** | Not classified. | |
| **OSHA defined hazards** | Not listed. | |
| **Label elements** | None. | |
| **Signal word** | **WARNING** | |
| **Hazard statement** | Causes skin irritation.<br>Causes eye irritation. | |
| **Precautionary statement** | | |
| **Prevention** | Wash hands and exposed skin thoroughly after handling. | |
| **Response** | If skin irritation occurs: Get medical advice/attention. May cause allergic skin reaction<br><br>**IF IN EYES**: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. | |
| **Storage** | No prescriptive instruction | |
| **Disposal** | No prescriptive instruction | |
| **Hazard(s) not otherwise classified (HNOC)** | None. | |
| **Supplemental information** | None. | |

## 3. Composition/information on ingredients

| Mixture Component(s) | | |
|---|---|---|
| **Chemical name** | **CAS number** | **%** |
| Alcohol C12-C16, ethoxylated | 68551-12-2 | 5-10 |
| 2-propanol | 67-63-0 | 1-3 |
| Fragrance | Proprietary | 1-4 |
| Other components below reportable levels | | 80-95 |

## 4. First-aid measures

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| **Inhalation** | Move to fresh air. Call a physician if symptoms develop or persist. |
| **Skin contact** | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. |

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| **Eye contact** | Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be located in work area. |
| **Ingestion** | Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting. If vomiting occurs keep head low to prevent stomach contents entering the lungs. |
| **Most important symptoms/effects, acute and delayed** | Dermatitis. Rash. May cause an allergic skin reaction. Pain, swelling excessive tearing and redness of the eye. |
| **Indication of immediate medical attention and special treatment needed** | Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. |
| **General information** | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. |

## 5. Fire-fighting measures

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| **Suitable extinguishing media** | Water fog. Foam. Dry chemical powder. Carbon dioxide ($CO_2$). |
| **Unsuitable extinguishing media** | None known. |
| **Specific hazards arising from the chemical** | During fire, gases hazardous to health may be formed. |
| **Special protective equipment and precautions for firefighters** | Self-contained breathing apparatus and full protecting clothing must be worn in case of fire. |
| **Fire-fighting equipment/instructions** | Move containers from fire area if you can do so without risk. |
| **Specific methods** | Use standard firefighting procedures and consider the hazards of other involved materials. |
| **General fire hazards** | No unusual fire or explosion hazards noted. A very small-volume component of this product can release flammable vapor if confined and heated. |

## 6. Accidental release measures

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| **Personal precautions, protective equipment and emergency procedures** | Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection. |
| **Methods and materials for containment and cleaning up** | Caution – spillages may be slippery.<br><br>Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.<br><br>Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with detergent and water to remove residual contamination.<br><br>Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS. |
| **Environmental precautions** | Do not release into the open environment (see section 12). Avoid discharge into sewers, surface drainage paths and other areas not consistent with package labeling. |

## 7. Handling and storage

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| **Precautions for safe handling** | Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| **Conditions for safe storage, including any incompatibilities** | Store in original tightly-closed container. Do not store in extreme temperature conditions. |

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components | Type | Value |
|---|---|---|
| 2-propanol | STEL | 500 ppm |
| | TWA | 400 ppm |

**US ACGIH Threshold Limit Values**

| Components | Type | Value |
|---|---|---|
| 2-propanol | STEL | 400 ppm |
| | TWA | 200 ppm |

**Biological limit values**

**ACGIH Biological Exposure Indices**

| Components | Value | Determinant | Species | Sampling Time |
|---|---|---|---|---|
| 2-propanol | 40 mg/L | Acetone | Urine | End of shift at end of workweek. |

**Appropriate engineering controls**: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection**: The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Suggested protective materials: Nitrile and PVC rubber.

**Other**: None.

**Respiratory protection**: In case of insufficient ventilation, wear suitable NIOSH-approved respiratory protection

**Thermal hazards**: Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**: When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

**Appearance**

**Physical State**: Liquid.

**Color**: Green

**Odor**: Floral

**Odor threshold**: Not available.

**pH**: 6-8

**Melting/freezing point**: 32°F (0°C)

**Initial boiling point and boiling range**: >200°F (93°C)

**Flash point**: >162°F (>67°C) - Literature

**Evaporation rate**: Not available.

**Flammability**: Not available.

**Flammability Limits**

**Upper**: Not available.

**Lower**: Not available.

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| **Vapor pressure** | Not available. |
| **Vapor density** | Not available. |
| **Specific gravity (water=1)** | 0.99 |
| **Solubility in water** | Soluble. |
| **Partition coefficient (n-octanol/water)** | Not available. |
| **Auto-ignition temperature** | Not available. |
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not available. |

## 10. Stability and reactivity

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|---|---|
| **Reactivity** | This product is stable and non-reactive under normal conditions of use. |
| **Chemical stability** | Material is stable under normal conditions. |
| **Possibility of hazardous reactions** | Hazardous polymerization does not occur. |
| **Conditions to avoid** | Heat, flames can cause product to decompose. |
| **Incompatible materials** | Strong acids, strong bases, strong oxidizing agents. |
| **Hazardous decomposition products** | Aldehydes, ketones, organic acids. |

## 11. Toxicological information

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| **Information on likely routes of exposure** | |
| **Ingestion** | Expected to be a low ingestion hazard. |
| **Inhalation** | Expected to be a low inhalation hazard. |
| **Skin contact** | Repeated and/or prolonged skin contact may cause slight irritation. May cause allergic skin reaction |
| **Eye contact** | Causes eye irritation. Prolonged eye contact may cause severe irritation. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | Dermatitis. Rash. May cause an allergic skin reaction. Pain, swelling excessive tearing and redness of the eye. |
| **Acute toxicity** | Not established. |

| **Product** Cherry Almond Deodorizer (CAS mixture) | | |
|---|---|---|
| **Exposure Classification** | **Route and Species** | **$LD_{50}$ /$LC_{50}$** |
| **Acute** | *Oral*, rat | 13,700 mg/kg (Estimated) |
| **Acute** | *Dermal*, rabbit | >21,000 mg/kg (Estimated-literature) |
| **Acute** | *Inhalation*, rat | >15,000 mg/$m^3$ (Estimated-literature) |
| *Estimates for product may be based on additional component data not shown | | |

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|---|---|
| **Skin corrosion/irritation** | Causes mild skin irritation. |
| **Serious eye damage/ irritation** | Causes eye irritation. |
| **Respiratory sensitization** | Not classified. |
| **Skin sensitization** | Not classified. |
| **Germ cell mutagenicity** | Not classified. |
| **Carcinogenicity**<br>***(****Ethylene oxide process contaminant - <0.0001%)*<br>*IARC Monographs, Overall Evaluation of Carcinogenicity* | Not considered a carcinogen.<br>*1 Carcinogenic to humans* |
| **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** | Not Listed. |
| **Reproductive toxicity** | Not classified. |
| **Specific target organ toxicity – single exposure** | Not classified. |
| **Specific target organ toxicity – repeated exposure** | Not classified. |

**Aspiration hazard** Not considered an aspiration hazard.

## 12. Ecological information

| Ecotoxicity | | |
|---|---|---|
| **Product** Cherry Almond Deodorizer (CAS mixture) | | |
| **Aquatic Receptor** | **Species** | **Test Thresholds** |
| Crustacea | Daphnia magna (water flea) | $EC_{50}$ (48-hr): <11.6 mg/L (estimated) |
| Fish | Fathead minnow (*Pimephales promelas)* | $LC_{50}$ (96-hr): <29 mg/L (estimated) |
| Algae | alga Scenedesmus sp., | $ErC_{50}$ (72-hr) >1,200 mg/l (Literature) |
| *Estimates for product may be based on additional component data not shown | | |

**Persistence and degradability** Alcohol ethoxylates are considered readily biodegradable.

**Bio-accumulative potential** No data available.

**Mobility in soil** Not available. Chemicals of these classes are highly water soluble and will partition readily to water and air (2-propanol) and weakly to particles in low-clay soil matrices. They are expected to exhibit moderate to high mobility in saturated and semi-saturated soils

**Other adverse effects** No other adverse environmental effects known (*i.e. ozone depleting substance, tropospheric ozone precursor, greenhouse gas emission, endocrine disruptor or other deleterious environmental effect*)

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment.

**Local disposal regulations** Dispose in accordance with all applicable regulations. As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.

**Waste from residues/unused product** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

## 14. Transport information

**DOT** Not regulated as dangerous goods.

## 15. Regulatory information

**US federal regulations** .

**SARA 302 Extremely hazardous substance** Not listed.

**SARA 304 Emergency release notification** Not listed.

**SARA 311/312 Hazard Categories**

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

**SARA 313 (TRI reporting)** Not listed.

**California Proposition 65** **California Safe Drinking Water and Toxic Enforcement Act of 1986**

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (3/2021).

## 16. Other information, including date of preparation or last revision

**Issue date** 2/2/2015
**Revision date** 9/24/2021
**Version #** 3
**HMIS® ratings** Health: 1
Flammability: 1
Physical hazard: 0

**NFPA ratings** Health: 1
Flammability: 1
Instability: 0

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.

**Revision information** General format update; Refine composition table, amend physical data; Update toxicology thresholds and environmental fate information; Text clarification amendments Sections 5,6,8,9 and 12. PPE recommendation updated; California Proposition 65 notice; HMIS and NFPA pictograms added. Change HMIS/NFPA flammable rating from 0 to 1 (2-propanol formulary) Addition of IARC carcinogenicity valuation for ethylene oxide (ethoxylate contaminant). Skin irritant category change from 3 to 2 (2-propanol synergist)