Safety Data Sheet

D-Odor

Section 1 Product Description

Product Name: D-Odor
Recommended Use: Odor eliminator with natural fruit infused fragrances
Synonyms: None
Supplier Details:
Ultra Chem Labs Corp
1370 Valley Vista Dr, Suite 200,
Diamond Bar, CA 91765
1-(909) 317-0473
Emergency Telephone: 1-800-535-5053

Section 2 Hazard Identification

OSHA/HCS status :
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture: FLAMMABLE LIQUIDS - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B
GHS label elements:
Hazard pictograms

Signal word : Warning
Hazard statements : Flammable liquid and vapor. Causes eye irritation.
Precautionary statements:
Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Wash hands thoroughly after handling.
Response : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. 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 attention.
Storage : Store in a well-ventilated place. Keep cool.
Disposal :Dispose of contents and container in accordance with all local, regional, national and international regulations.
General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Hazards not otherwise classified: Not known

Section 3 Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %	Trade Secret
N-Alkyl (12-C18) dimethyl Benzyl Ammonium Chloride	68391-01-5	1-5	
N-Alkyl (12-14) dimethyl Ethyl Benzyl Ammonium	68956-79-6	1-5	
Denatured Alcohol	64-17-5	5-10	

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4 First Aid Measures

Description of necessary first aid measures

Eye Contact:
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation:
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects
persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact:
Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion:
Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.
Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most Important Symptoms/Effects, Acute And Delayed
Potential Acute Health Effects
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Eye contact : No known significant effects or critical hazards.

Over-Exposure Signs/Symptoms
Skin contact: No specific data.
Ingestion: No specific data.
Inhalation: No specific data.
Eye contact: No specific data.

Section 4 First Aid Measures

Indication Of Immediate Medical Attention And Special Treatment Needed, If Necessary
Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments : No specific treatment.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Section 5 Fire-fighting measures

Extinguishing Media
Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media: Do not use water jet.
Specific hazards arising from the chemical:
Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Hazardous thermal decomposition products:
Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
For non-emergency personnel:
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders:
If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions:
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for containment and cleaning up:
Small spill
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 6 Accidental release measures

Large spill
Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7 Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene:
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities:
Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Appropriate engineering controls:
Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Environmental exposure controls:
Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 8 Exposure controls/personal protection

Individual protection measures

Hygiene measures:
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection:
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. 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.

Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

Other skin protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection:

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9 Physical and chemical properties

Appearance
Physical state: Liquid
Color: Light amber
Odor: Cherry fragrance
Odor threshold: Not available
pH: 7.5±0.5
Melting Point: 60 °C / 140 °F
Boiling point: 85°C
Flash point: Closed cup: 25°C No sustained combustion under required test conditions listed in DOT 173.120(3).
Evaporation rate: 0.22
Flammability (solid, gas): Not available
Lower and upper explosive: Not available
(flammable) limits
Vapor pressure: 33 mmHg
Vapor density: 4.1 [Air = 1]
Specific gravity: 1.02 g/cm^3
Solubility:100% in water
Partition coefficient: n-octanol/water: Not available
Auto-ignition temperature: Not available
Viscosity: Not available
VOC content: <1%
VOCs are calculated following the requirements under 40 CFR, Part 59, Subpart C for Consumer Products and Subpart D for Architectural Coatings.

Section 10 Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: The product is stable.
Possibility of hazardous reactions:
Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials: Strong oxidizing agents, strong acids such as bleach
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose
Denatured alcohol	LD50 Oral	Rat	5000 mg/kg
	LD50 Dermal	Rabbit	12800 mg/kg
N-Alkyl (12-C18) dimethyl Benzyl Ammonium Chloride	LD50 Oral	Rat	15000 mg/kg
	LD50 Dermal	Rat	>2000 mg/kg
N-Alkyl (12-14) dimethyl Ethyl Benzyl Ammonium	LD50 Oral	Rat	507 mg/kg
	LD50 Dermal	Rat	>2000 mg/kg

Section 11 Toxicological information

Irritation/Corrosion
No information available

Sensitization
No information available

Mutagenicity
No information available

Carcinogenicity
Contains no carcinogenic materials.

Reproductive toxicity
No information available

Teratogenicity
No information available

Specific target organ toxicity (single exposure)
No information available
Specific target organ toxicity (repeated exposure)
No information available

Aspiration hazard
No information available

Information on the likely routes of exposure: No information available

Potential acute health effects
Eye contact : May cause irritation
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : May cause irritation to mouth and throat

Symptoms related to the physical, chemical and toxicological characteristics
Skin contact: No specific data.
Ingestion: No specific data.
Inhalation: No specific data.
Eye contact : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure
Short term exposure:
Potential immediate effects: Not available
Potential delayed effects : Not available
Long term exposure
Potential immediate effects: Not available
Potential delayed effects : Not available

Section 11 Toxicological information

Potential chronic health effects
Not available

General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity
Acute toxicity estimates

Route	ATE value
Oral Dermal	7775.5 mg/kg 132614.8mg/kg

Section 12 Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Denatured alcohol Propylene Glycol 2,2′-(ethylenedioxy) diethanol	Acute LC50 1400000 µg/l Marine water Acute LC50 1400000 µg/l Acute LC50 35000 ul/L Fresh water Acute LC50 10000000 µg/l Marine water	Crustaceans - Crangon Fish - gambusia affinis Daphnia - Daphnia magna Fish - Menidia beryllina	48 hours 96 hours 48 hours 96 hours

Persistence and degradability
Not available.
Bioaccumulative potential
Not available.

Mobility in soil
Soil/water partition : Not available
coefficient (KOC)

Other adverse effects : No known significant effects or critical hazards.

Section 13 Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14 Transport information

DOT Classification: Not regulated
IATA Classification: Not regulated
Additional Information: Keep from freezing
Special precautions for user:
Transport within user's premises: always transport in closed containers that are upright and secure. Ensure persons transporting the product know what to do in the event of an accident or spillage.

Section 15 Regulatory information

U.S. Federal regulations :
United States inventory (TSCA 8b): All components are listed or exempted.
Clean Air Act Section 112 : Not listed
(b) Hazardous Air Pollutants (HAPs)

SARA 311/312
Classification : Immediate (acute) health hazard
Composition/information on ingredients:

Name	%	Fire Hazard	Sudden Release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Denatured alcohol	1-5	Yes	No	No	Yes	No
N-Alkyl (12-C18) dimethyl Benzyl Ammonium Chloride	1-5	No	No	No	Yes	No
N-Alkyl (12-14) dimethyl Ethyl Benzyl Ammonium	1-5	No	No	No	Yes	No

Section 15 Regulatory information

State regulations:
California Proposition 65

International regulations
Canada inventory : All components are listed or exempted.
CERCLA
This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).
Clean Water Act
This product contains no substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Section 16 Other information

Hazardous Material Information System (U.S.A.)

Health	2
Flammability	0
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (NFPA)

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