ACTION-D Disinfectant Cleaner Deodorizer

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ACTION-D Disinfectant Cleaner Deodorizer

MSDS #: MS0600586
Product Code: U23051v2, U23066v2, U23365v2, U23052v2
Recommended use: Disinfectant Cleaner. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:
Unisource Worldwide, Inc.
6600 Governors Lake Parkway
Norcross, GA 30071
Phone: 1-800-864-7687
MSDS Internet Address: www.unisourceworldwide.com

Emergency telephone number: 1-888-660-6737

2. HAZARDS IDENTIFICATION

Principal routes of exposure:
Eye contact. Skin contact. Inhalation.

Eye contact:
Corrosive. Causes permanent eye damage, including blindness.

Skin contact:
Corrosive. Causes permanent damage.

Inhalation:
May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion:
May be irritating to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>0.1 - 1.5%</td>
<td>7060</td>
<td>Not available</td>
<td>=124.7 mg/L (4 h)</td>
</tr>
<tr>
<td>Dioctyl dimethyl ammonium chloride</td>
<td>5538-94-3</td>
<td>0.1 - 1.5%</td>
<td>11300</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>N-alkyl Dimethyl Benzyl Ammonium Chloride</td>
<td>68424-85-1</td>
<td>1 - 5%</td>
<td>426</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Octyl decyl dimethyl ammonium chloride</td>
<td>68424-95-5</td>
<td>0.1 - 1.5%</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
<tr>
<td>Didecyl dimethyl ammonium chloride</td>
<td>7173-51-5</td>
<td>0.1 - 1.5%</td>
<td>84</td>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact:
Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.

Skin contact:
Take off contaminated clothing. Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.

Inhalation:
If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Notes to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: Not applicable

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment

Environmental precautions: Clean-up methods - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERICAL AND INDUSTRIAL USE ONLY.

Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection: Chemical-splash goggles.

Hand protection: Chemical-resistant gloves

Skin and body protection: Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s) | CAS # | ACGIH | OSHA | Mexico |
---|---|---|---|---|
Ethyl alcohol | 64-17-5 | 1000 ppm (STEL) | 1000 ppm (TWA) 1900 mg/m³ (TWA) | 1000 ppm (TWA) 1900 mg/m³ (TWA) |

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance: Aqueous solution

Specific gravity: 1.019

Vapor density: No information available

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: Completely Soluble

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Physical State: Liquid

Appearance: Aqueous solution

Specific gravity: 1.019

Vapor density: No information available

Boiling point/range: Not determined

Decomposition temperature: Not determined

Solubility: Completely Soluble

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Notes:

- **Boiling point/range**: Not determined
- **Density**: 8.5 lbs/gal 1.019 Kg/L
- **Flash point**: > 200 °F > 93.4 °C
- **Viscosity**: No information available
Elemental Phosphorus: 0.00 % by wt.  
VOC: 0.76 % *

pH: 12.6  
Dilution pH: 9.8 @ 1:64

Explosion limits: - upper: Not determined - lower: Not determined

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be between 1000 - 2000 mg/kg ; Dermal LD50 estimated to be between 4000 - 5000 mg/kg

Component Information: See Section 3

Chronic toxicity: None known

Specific effects
  - Carcinogenic effects: None known
  - Mutagenic effects: None known
  - Reproductive toxicity: None known
  - Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal

Pesticide Storage: Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law

Container Disposal: Pesticide product disposal requirements vary by package size and type. Pesticides include disinfectants and sanitizers. See product label for complete disposal instructions. Always dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION


15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA)

U.S. Regulations

EPA Reg. No. : 6836-73-82440

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65
SARA 311/312 Hazard Categories

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<tbody>
<tr>
<td>Immediate:</td>
<td>X</td>
</tr>
<tr>
<td>Delayed:</td>
<td>-</td>
</tr>
<tr>
<td>Fire:</td>
<td>-</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>-</td>
</tr>
<tr>
<td>Sudden Release of Pressure:</td>
<td>-</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: Contains an added fragrance, see "Odor" heading in section 9 for specific description.

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