

Product Code:       MSDS399  
Product Name:       MDRO/MRSA EFFECTIVE ONE STEP DIS.  
                      EPA REG. NO. 10324-155-12228  
                      ITEM CODES: 873362  
  
24-hour Emergency Phone:                   (800) 535-5053

HMIS CODES H F R P  
                  2 0 0 X

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**DISTRIBUTED BY:**  
                          DAYCON PRODUCTS COMPANY, INC.  
                          16001 TRADE ZONE AVE.  
                          UPPER MARLBORO, MD 20774

**2. HAZARDS IDENTIFICATION**

**DANGER.** Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wash affected areas thoroughly after handling.

**Hazard Classification:** Serious eye damage/eye irritation Category 1: Corrosive  
                              Skin corrosion/irritation Category 1B  
                              Acute toxicity (oral) Category 4

**Product at Use-Dilution:** Serious eye damage/eye irritation Category 2B



**SIGNAL WORD: DANGER**

**HAZARD STATEMENTS**

- H314 Causes severe skin burns and eye damage.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H402 Harmful to aquatic life.
- H413 May cause long lasting harmful effects to aquatic life.

**PRECAUTIONARY STATEMENTS**

- P102 Keep out of reach of children.
- P103 Read label before use.
- P264 Wash hands thoroughly after handling.
- P273 Avoid release into the environment.
- P260 Do not breath mist/spray.
- P280 Wear protective gloves, protective clothing, and eye protection.
- P302/352/362/364/333/313 IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.
- P305/351/338/337/313 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.
- P330/P312 Rinse mouth. Call a Poison Center or doctor if you feel unwell.
- P304/P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Potential Health Effects**

**EYE:**  
Severe eye damage. Can cause permanent eye injury. Symptoms include stinging, tearing, redness, and swelling of eyes.  
Can injure the cornea and cause blindness.

**SKIN:**  
Corrosive to the skin. Wear protective gloves and face and foot protection.

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**INGESTION:**

Harmful if ingested

**INHALATION:**

Prolonged inhalation may result in respiratory irritation. Under normal conditions, using adequate ventilation no problems are expected. Irritant of the mucous membranes and of the respiratory tract.

**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen. A raw material in this product has caused birth defects in laboratory animals when ingested in high doses by pregnant animals.

**REPRODUCTION INFORMATION:**

Does not harm reproductive cells. Ingestion of ethanol by pregnant women can cause reproductive toxicity to the fetus.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Didecyl dimethyl ammonium chloride	7173-51-5	8.5-8.9
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	8.5-8.9
Tetrasodium ethylenediamine tetraacetate	64-02-8	<2
Ethoxylated Alcohol	34398-01-1	<1.5

#### Product at Use-Dilution

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

### 4. FIRST AID MEASURES

#### EYES:

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.

#### SKIN:

IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

#### INGESTION:

Rinse mouth. Call a Poison Center or doctor if you feel unwell. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

#### INHALATION:

IF INHALED: Remove from area to fresh air and keep comfortable for breathing. Get medical advice/attention.

#### NOTE TO PHYSICIANS:

Probable mucosal damage may contraindicate the use of gastric lavage. The material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

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**FLAMMABLE PROPERTIES:**

**FLASH POINT: N/A**                               **Method: N/A**  
Greater than 200F. Not flammable.

**FLAMMABLE LIMITS:**

**Lower flammable limit: N/A**  
**Upper flammable limit: N/A**

**AUTOIGNITION TEMPERATURE:**

Not Applicable.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon.

**EXTINGUISHING MEDIA:**

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

**FIREFIGHTING INSTRUCTIONS:**

Wear appropriate and suitable protective clothing and breathing equipment for the situation. Follow NFPA Fire Protection Guidelines.

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**6. ACCIDENTAL RELEASE MEASURES**

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**SMALL SPILL:**

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water. Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

**LARGE SPILL:**

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

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**7. HANDLING AND STORAGE**

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**HANDLING:**

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Containers, even those that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operation on or near empty containers. Keep away from heat, sparks, and flames.

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**STORAGE:**

Keep containers covered. Avoid eye and prolonged skin contact. Do not store near heat, sparks, flame or strong oxidants. Take the usual chemicals handling precautions. Handle and use in a manner consistent with good industrial techniques and practices. Keep containers covered.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product. Ensure that eyewash stations and safety showers are close to the workstation location, and that emergency equipment is immediately accessible with instructions for use. The protective equipment must be selected in accordance with current local standards and in following proper use instructions from the supplier of the protective equipment. Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards, and/or risks that may occur during use.

**RESPIRATORY PROTECTION:**

None Normally Needed. In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.

**SKIN PROTECTION:**

Wear protective gloves, protective clothing, and eye protection.

**EYE PROTECTION:**

Wear chemical splash goggles.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: N/A  
MELTING POINT: Not applicable.  
VAPOR PRESSURE: NO INFORMATION AVAILABLE.  
VAPOR DENSITY: (Air=1): >1  
SOLUBILITY IN WATER: Soluble  
SPECIFIC GRAVITY: 1.002  
pH: 6.3-8.0  
ODOR: Mild detergent. No fragrance added.  
APPEARANCE: Grass Green.

**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

**INCOMPATIBILITY:**

Strong oxidizing agents. Keep away from heat, sparks, or open flame.

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**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, and sulfur may be emitted if product burns.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**EYE:**

Corrosive. Causes serious eye damage. Symptoms may include pain, burning sensation, redness, watering, blurred vision or loss of vision.

**SKIN:**

Corrosive. Causes severe burns. Symptoms may include burns, blisters, redness and pain (which may be delayed).

**INGESTION:**

Harmful if swallowed. Causes burns/serious damage to mouth, throat and stomach. Symptoms may include vomiting, nausea, and/or feeling of general unwellness.

**INHALATION:**

May cause irritation and corrosive effects to nose, throat and respiratory tract. Symptoms may include coughing and difficulty breathing.

**SUBCHRONIC:**

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

**REPRODUCTION:**

Not expected to effect human reproduction.

**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

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**ECOTOXICOLOGICAL INFORMATION:**

If this product becomes a waste, it does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

Toxic to aquatic life

**CHEMICAL FATE INFORMATION:**

Readily biodegradable.

**13. DISPOSAL CONSIDERATIONS**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental control agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Diluted product can be flushed to sanitary sewer

Discard empty container in trash or offer for recycling

**14. TRANSPORT INFORMATION(Not meant to be all inclusive)**

UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S., 8, PG III (QUATERNARY AMMONIUM COMPOUND)

REGULATED AS LIMITED QUANTITY UNDER 1.3 GALLONS.

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200 There is no calculable reportable quantity for this product.

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

Not regulated.

**SECTION 313:**

Not Regulated.

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:**

NO INFORMATION AVAILABLE.

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**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

NO INFORMATION AVAILABLE.

**EINECS:**

NO INFORMATION AVAILABLE.

**STATE REGULATIONS:**

NO INFORMATION AVAILABLE.

**VOLATILE ORGANIC COMPOUNDS:**

NO INFORMATION AVAILABLE.

**16. OTHER INFORMATION**

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**SDS Status:**

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of Daycon Products Company, Inc., therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.