



MATERIAL SAFETY DATA SHEET

REVISION DATE: 06/04/2012

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REVISION NUMBER:

10

PREPARED BY:

EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME:

LIFEGARD® 256 PLUS, One-Step Germicidal Detergent and Deodorant

PRODUCT CODE:

117796

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 3/3

Fire: 1/1

Reactivity: 0/0

Special/Protective Equipment: CORR/B

NAME OF THE
MANUFACTURER:

Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624
USA

Emergency Phone:

INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:

Harmful if swallowed. Nausea. Mucosal damage. Possible toxic effects.

SKIN CONTACT:

May cause skin burns.

INHALATION:

May irritate mouth, nose, and throat.

EYE CONTACT:

Corrosive. Very severe eye damage. May Cause Eye Burns.

CHRONIC EFFECTS:

None known.

EFFECTS/CARCINOGENICITY:

None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Didecyl dimethyl ammonium chloride 7173-51-5	10 - 15	Not applicable	Not applicable
Quaternary ammonium compounds 68424-85-1	5 - 10	Not applicable	Not applicable
Octyl dimethyl amine oxide 2605-78-9	1 - 5	Not applicable	No applicable
ETHANOL 64-17-5	1 - 5	1000 ppm	1000 ppm 1900 mg/m ³
Ethylene diamine tetraacetic acid 60-00-4	1 - 5	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION:

Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.

SKIN:

Wash with soap and water. Remove contaminated clothing and laundry before reuse. Get medical attention.

INHALATION:

Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

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4. FIRST AID MEASURES

EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): >199.9° (C): >93.3°

METHOD: TCC

FLAMMABLE LIMITS IN AIR

LOWER (%): No data

UPPER (%): No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.

FIRE FIGHTING PROCEDURES: None. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Reclaim as much as possible.

LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS: Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

ENVIRONMENTAL PRECAUTIONS: Not applicable

METHODS FOR CLEANING UP: Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with eyes, skin and clothing. Store in a dry location away from heat and direct sunlight. Static ignition hazard can result from handling and use.

OTHER PRECAUTIONS: Read and follow label instructions. Keep out of reach of children. Use only with sufficient ventilation.

SPECIFIC USE(S): Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS: None known.

RESPIRATORY PROTECTION: Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

PROTECTIVE GLOVES: Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact.

EYE PROTECTION: Goggles. Face shield.

OTHER PERSONAL PROTECTION EQUIPMENT: Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

VENTILATION: General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear. Light yellow liquid. Mild odor.

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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	>199.9°	(C) >93.3°
VAPOR PRESSURE:	Not determined	
VAPOR DENSITY (AIR=1):	Not determined	
SOLUBILITY IN WATER:	Not determined	
SPECIFIC GRAVITY:	Not determined	
VOC Content (%):	Not determined	
EVAPORATION RATE:	As water	
PH:	7.2 - 8.2	

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Nitrogen oxides. Hydrogen chloride gas. Carbon Dioxide. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID):	Oxidizing materials. Reducing agents.
CONDITIONS/HAZARDS TO AVOID:	None.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Didecyl dimethyl ammonium chloride 7173-51-5	10 - 15	Listed	Listed	Listed	Not Listed
Quaternary ammonium compounds 68424-85-1	5 - 10	Listed	Listed	Not Listed	Not Listed
Octyl dimethyl amine oxide 2605-78-9	1 - 5	Not Listed	Not Listed	Not Listed	Not Listed
ETHANOL 64-17-5	1 - 5	Listed	Listed	Listed	Developmental
Ethylene diamine tetraacetic acid 60-00-4	1 - 5	Not Listed	Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Didecyl dimethyl ammonium chloride 7173-51-5	10 - 15	Not Listed	Not Listed	Not Listed
Quaternary ammonium compounds 68424-85-1	5 - 10	Not Listed	Not Listed	Not Listed
Octyl dimethyl amine oxide 2605-78-9	1 - 5	Not Listed	Not Listed	Not Listed
ETHANOL 64-17-5	1 - 5	Not Listed	Not Listed	Not Listed
Ethylene diamine tetraacetic acid 60-00-4	1 - 5	Not Listed	Not Listed	Not Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
ETHANOL 64-17-5	1 - 5	Listed
Ethylene diamine tetraacetic acid 60-00-4	1 - 5	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
ETHANOL 64-17-5	1 - 5	Listed
Ethylene diamine tetraacetic acid 60-00-4	1 - 5	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
ETHANOL 64-17-5	1 - 5	Listed
Ethylene diamine tetraacetic acid 60-00-4	1 - 5	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***