

# MATERIAL SAFETY DATA SHEET

**REVISION DATE: 10/18/2012** 

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PREPARED BY:

**EH&S DEPARTMENT** 

**CHEMICAL PRODUCT** 

PRODUCT NAME:

**ENVIROGUARD® SANITIZER** 

PRODUCT CODE:

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

Health:

3/3

Fire:

1/1

Reactivity:

1/1

Special/Protective Equipment:

Oxidizer., D

NAME OF THE

Rochester Midland Corporation

**MANUFACTURER:** 

155 Paragon Drive

Emergency Phone: INFOTRAC: 1-800-535-5053

Rochester, New York 14624

OUTSIDE US: 1-352-323-3500

USA

## 2. HAZARDS IDENTIFICATION

#### **EFFECTS FROM ACUTE EXPOSURE:**

INGESTION:

SKIN CONTACT:

Causes burns of the mouth, throat and stomach.

INHALATION:

Causes severe skin irritation with tissue destruction. Irritating to respiratory tract in high concentrations.

**EYE CONTACT:** 

Corrosive. Causes severe eye irritation may damage tissue.

**CHRONIC EFFECTS:** 

EFFECTS/CARCINOGENICITY:

None known. 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.

## COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
HYDROGEN PEROXIDE SOLUTION % 7722-84-1	25 - 28	1 ppm	1 ppm 1.4 mg/m³
Acetic acid 64-19-7	5 - 10	10 ppm	10 ppm 25 mg/m³
PERACETIC ACID % 79-21-0	5-6	Not applicable	Not applicable

#### 4. FIRST AID MEASURES

INGESTION:

DO NOT INDUCE VOMITING. Rinse mouth. Get immediate medical attention.

SKIN:

Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention. Remove contaminated clothing and launder before reuse.

INHALATION:

If inhaled, move victim to fresh air and seek medical attention.

EYES:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

NOTES TO PHYSICIAN:

Probable mucosal damage may contraindicate gastric lavage.

## 5. FIRE AND EXPLOSION HAZARD DATA

#### **ENVIROGUARD® SANITIZER**

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

(F): > 200° F (C): > 93.3° C

METHOD:

TCC

FLAMMABLE LIMITS IN AIR

LOWER (%): UPPÈR (%):

No data

No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N):

SENSITIVITY TO STATIC DISCHARGE: SUITABLE EXTINGUISHING MEDIA: FIRE FIGHTING PROCEDURES:

NO

Sensitivity to static discharge is not expected.

Water, Carbon dioxide, Foam,

Cool exposed containers with water spray. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when

fighting chemical fires.

#### **ACCIDENTAL RELEASE MEASURES**

SPILL PROCEDURES:

SMALL SPILLS:

Flush with water.

LARGE SPILLS:

Neutralize with lime, soda ash, or sodium bicarbonate. Dike to contain. Pick up with absorbant

material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

**ENVIRONMENTAL PRECAUTIONS:** 

Not applicable Not applicable

METHODS FOR CLEANING UP:

Not applicable

#### HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Danger: Corrosive. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. Keep away from heat and sources of ignition. Avoid direct sunlight. Keep container closed

when not in use. Never return unused material to storage receptacle.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

#### **EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### PROTECTIVE EQUIPMENT:



**EXPOSURE CONTROLS:** 

RESPIRATORY PROTECTION:

None normally required. If product is used in a manner which creates vapor or mist above recommended exposure limits, a NIOSH/MSHA approved organic respirator may be needed in

the absence of proper environmental controls.

PROTECTIVE GLOVES:

**EYE PROTECTION:** 

OTHER PERSONAL PROTECTION

**EQUIPMENT:** 

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

Goggles and face shield are recommended to minimize eye contact.

Appropriate protective clothing as needed to prevent skin contact. Rubber boots. Rubber suit. Eyewash fountains and safety showers must be easily accessible. 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.

## PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

**BOILING POINT (F):** 

**VAPOR PRESSURE:** 

Clear, colorless liquid. Pungent odor.

210°F

22 mm Hg @ 25° C

(C) 99° C

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#### **ENVIROGUARD® SANITIZER**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY (AIR=1):

Not determined

SOLUBILITY IN WATER:

Complete

SPECIFIC GRAVITY:

1.10 @ 68° F / 20° C

**BULK DENSITY:** 

9.35 lbs./gal.

VOC Content (%):

Not determined

**EVAPORATION RATE:** 

Not determined

PH:

< 1 (10% solution)

## 10. STABILITY AND REACTIVITY

STABILITY DATA:

STABLE

POLYMERIZATION:

Will Not Occur.

HAZARDOUS DECOMPOSITION:

Oxygen. Irritating fumes.

INCOMPATIBILITY (MATERIALS TO

Alkalines. Organic matter. Metals.

AVOID):

CONDITIONS/HAZARDS TO AVOID:

Keep away from heat, sparks and flame. Extreme heat, direct sunlight. Combustible materials.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** 

Not Established

EFFECTS OF CHRONIC EXPOSURE: Not established.

OTHER TOXIC EFFECTS:

Not established.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL** 

No data at this time

INFORMATION:

No data at this time.

CHEMICAL FATE INFORMATION: MOBILITY:

Not applicable.

PERSISTENCE/DEGRADABILITY:

Not applicable

**BIOACCUMULATIVE POTENTIAL:** 

Not applicable

OTHER ADVERSE EFFECTS:

Not applicable

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** 

Dispose in accordance with Federal, State and Local regulations.

## 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:
HYDROGEN PEROXIDE SOLUTION % 7722-84-1	25 - 28	Listed	Listed	Listed	Not Listed
Acetic acid 64-19-7	5 - 10	Listed	Listed	Listed	Not Listed
PERACETIC ACID % 79-21-0	5 - 6	Listed	Listed	Listed	Not Listed

#### **ENVIROGUARD® SANITIZER**

PRODUCT COMPOSITION		CERCLA:	SARA 302:	SARA 313:
HYDROGEN PEROXIDE SOLUTION % 7722-84-1	25 - 28	Not Listed	1000 lb RQ = 1000 lb TPQ concentration >52%	Not Listed
Acetic acid 64-19-7	5 - 10	2270 kg 5000 lb	Not Listed	Not Listed
PERACETIC ACID % 79-21-0	5 - 6	Not Listed	500 lb RQ = 500 lb TPQ	= 1.0 % de minimis concentration

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
HYDROGEN PEROXIDE SOLUTION % 7722-84-1	25 - 28	Listed
Acetic acid 64-19-7	5 - 10	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:
HYDROGEN PEROXIDE SOLUTION 7722-84-1	25 - 28	Listed
Acetic acid 64-19-7	5 - 10	Listed
PERACETIC ACID % 79-21-0	5-6	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:
HYDROGEN PEROXIDE SOLUTION % 7722-84-1	25 - 28	Listed
Acetic acid 64-19-7	5 - 10	Listed
PERACETIC ACID % 79-21-0	5 - 6	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:	
HYDROGEN PEROXIDE SOLUTION % 7722-84-1	25 - 28	Listed	
Acetic acid 64-19-7	5 - 10	Listed	
PERACETIC ACID % 79-21-0	5 - 6	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 \*\*\*