



MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/26/2012
 DATE PRINTED: 10/26/2012

REVISION NUMBER: 7
 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: ENVIROGUARD® MP-2
PRODUCT CODE: 515986

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 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	
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2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:	Causes burns of the mouth, throat and stomach.
SKIN CONTACT:	Causes severe skin irritation with tissue destruction.
INHALATION:	Irritating to respiratory tract in high concentrations.
EYE CONTACT:	Corrosive. Causes severe eye irritation may damage tissue.
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
HYDROGEN PEROXIDE SOLUTION ... % 7722-84-1	4.5 - 5.8	1 ppm	1 ppm 1.4 mg/m ³
Acetic acid 64-19-7	30 - 40	10 ppm	10 ppm 25 mg/m ³
PERACETIC ACID ... % 79-21-0	14.7 - 15.5	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION:	DO NOT INDUCE VOMITING. Rinse mouth. Drink several glasses of water or milk. 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 laundry before reuse.
INHALATION:	If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
EYES:	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
NOTES TO PHYSICIAN:	Probable mucosal damage may contraindicate gastric lavage.

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5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 200° (C): 93°
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. Carbon dioxide. Foam.
FIRE FIGHTING PROCEDURES:	Cool exposed containers with water spray. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. 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 absorbent material. Put in suitable container for disposal. Flush remainder with water.
PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

7. 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. Keep container closed when not in use. Store in a well ventilated area. Store in a cool, dry location away from incompatible materials. Avoid direct sunlight. Keep away from heat and sources of ignition.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	Not normally required. If product is used in a manner which creates dust or mist above recommended exposure limits, a NIOSH/MSHA approved respirator with dust/mist filter may be needed in the absence of proper environmental controls. None normally required. 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 and face shield are recommended to minimize eye contact.
OTHER PERSONAL PROTECTION EQUIPMENT:	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear, colorless liquid. Pungent odor.
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9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	210° F	(C) 99°
VAPOR PRESSURE:	22 mm Hg @ 25° C	
VAPOR DENSITY (AIR=1):	9.2 lb/gal	
SOLUBILITY IN WATER:	Complete	
SPECIFIC GRAVITY:	Not determined	
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.
INCOMPATIBILITY (MATERIALS TO AVOID):	Organic matter. Alkalines. Cast iron. Zinc copper Brass. Cast bronze.
CONDITIONS/HAZARDS TO AVOID:	Open flames. Extreme heat, direct sunlight. Combustible materials. Temperatures over 85° F.

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: 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	4.5 - 5.8	Listed	Listed	Listed	Not Listed
Acetic acid 64-19-7	30 - 40	Listed	Listed	Listed	Not Listed
PERACETIC ACID ... % 79-21-0	14.7 - 15.5	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
HYDROGEN PEROXIDE SOLUTION ... % 7722-84-1	4.5 - 5.8	Not Listed	1000 lb RQ = 1000 lb TPQ concentration >52%	Not Listed
Acetic acid 64-19-7	30 - 40	2270 kg 5000 lb	Not Listed	Not Listed
PERACETIC ACID ... % 79-21-0	14.7 - 15.5	Not Listed	500 lb RQ = 500 lb TPQ	= 1.0 % de minimis concentration

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
HYDROGEN PEROXIDE SOLUTION ... % 7722-84-1	4.5 - 5.8	Listed
Acetic acid 64-19-7	30 - 40	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	4.5 - 5.8	Listed
Acetic acid 64-19-7	30 - 40	Listed
PERACETIC ACID ... % 79-21-0	14.7 - 15.5	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:
HYDROGEN PEROXIDE SOLUTION ... % 7722-84-1	4.5 - 5.8	Listed
Acetic acid 64-19-7	30 - 40	Listed
PERACETIC ACID ... % 79-21-0	14.7 - 15.5	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:
HYDROGEN PEROXIDE SOLUTION ... % 7722-84-1	4.5 - 5.8	Listed
Acetic acid 64-19-7	30 - 40	Listed
PERACETIC ACID ... % 79-21-0	14.7 - 15.5	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 ***