

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 absorbant 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.

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

ENVIROGUARD® MP-2

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 ***