

MATERIAL SAFETY DATA SHEET

NFPA RATING: Health = 0 Flammability = 0 Reactivity = 0
 HMIS RATING: Health = /0 Flammability = 0 Reactivity = 0

SECTION I -- IDENTITY AND MANUFACTURER'S INFORMATION (5 oz./gallon Ready to Use)

Manufacturer's Name: HILLYARD INDUSTRIES Product Name: SUPROX READY-TO-USE
 Address: 302 North Fourth Street Date Prepared: July 17, 2006
 St. Joseph, MO 64501 Prepared by: Regulatory Affairs Department
 Emergency Telephone (800)-424-9300 (Only in the event of chemical emergency involving a spill, leak, fire, exposure
 or accident involving chemicals.) Other information calls: (816) 233-1321(Ext. 8285)

SECTION II -- INGREDIENTS/IDENTITY INFORMATION

Components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDE D	%
Hydrogen Peroxide	7722-84-1	1.4 mg/m ³	1.4 mg/m ³	N.A.	<1%
Water	7732-18-5	none	none	N.A.	---

VOC (Ready to use = 5oz.per gallon) = 0,02%

SECTION III -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 739 mm Hg 211°F Specific Gravity (H₂O = 1); 25°C = 1.00 & 39°C = 1.00
 Vapor Pressure (mm Hg.): 17.5 Percent Volatile by Volume (%): 00.8%
 Vapor Density (AIR = 1): 0.62 Evaporation Rate (ethyl ether = 1): Slower than 1
 Solubility in Water : complete Appearance and Odor: Clear, colorless liquid, citrus fragrance
 pH (5 oz/gallon) = 7.9

SECTION IV -- FIRE AND EXPLOSION HAZARD DATA

Flash point: None to 200°F corrected (T.C.C.) Flammable Limits: LEL = Not established UEL = N.A.
 Extinguishing Media: Do NOT use CO₂ extinguisher on this material; use only water spray or appropriate foam. Do not
 use organic compounds on this material.
 Special Fire Fighting Procedures: As in any fire, wear self-contained positive-pressure breathing apparatus,
 (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire).
 Cool with water spray.
 Unusual Fire and Explosion Hazards: Contact with incompatible materials (e.g. metals, alkalis, and strong reducing
 agents) will cause hazardous decomposition resulting in the release of heat, steam, and oxygen. Exposure to heat may cause
 hazardous decomposition. Do not mix with kerosene, gasoline, ammonia nor chlorine bleach.

SECTION V -- PHYSICAL HAZARDS

Stability: Stable Conditions to Avoid: Heat and flame.
 Incompatibility (Materials to Avoid): Metals, Reducing agents, Alkalis, Combustible materials. Organic materials. Salt of
 heavy metals. Impurities.
 Hazardous Decomposition Products or Byproducts: Oxygen, oxides of carbon and steam.
 Hazardous Polymerization: Will not occur Conditions to Avoid: None known to Manufacturer

SECTION VI -- HEALTH HAZARD DATA

Routes of entry: Inhalation? yes Skin? yes Ingestion? LD50 greater than 5 g/kg

HEALTH HAZARDS (1. Acute and 2. Chronic)

1. Contact with may cause eye and skin irritation. Ingestion can cause nausea, vomiting and gastrointestinal irritation.
 Prolonged inhalation may cause respiratory irritation. 2. None known to Hillyard Industries when used according to label
 directions.

SECTION VI -- HEALTH HAZARD DATA continued

Chemical listed as Carcinogen or Potential Carcinogen:

National Toxicology Program = No I.A.R.C. Monograms = No OSHA = No

This product has no carcinogens listed by IARC, NTP, NIOSH, or ACGIH as of this date, greater or equal to 0.1%.

Signs and Symptoms of Exposure: May cause slight irritation to skin and eyes. Inhalation of fine mist or aerosols can lead to slight irritation and inflammation of the respiratory tract. Symptoms may occur with delay. Ingestion may cause the release of oxygen thus cause distension, especially in the event of greater intakes.

Medical Conditions Generally Aggravated by Exposure: No data is available that addresses medical conditions that are generally recognized as being aggravated by exposure to this product.

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. Seek medical attention if irritation persists. Eye and Skin Contact: Flush eyes and skin with plenty of water for 15 minutes; apply water gently and do not rub area. If irritation persists, get medical attention.. If excess inhaled, remove to fresh air; if breathing is difficult seek medical attention.

SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken In Case Material Is Released Or Spilled: Small spills should be flushed with water and pick up with mop. Hydrogen peroxide quickly decomposes to oxygen and water.

Waste Disposal Method: Dispose of in accordance with state or local regulations.

Precautions To Be Taken In Handling And Storing: Do not get in eyes, on skin, and clothing. Do not ingest.

Keep container closed when not in use. Since empty packages retain product residue, follow label warnings even after package is empty.

Other Precautions: Do not dispose of in storm drains or streams. This product contains no reportable quantities of toxic chemicals subject to reporting requirements of Section 313 of SARA Title III Emergency Planning and Community Right to Know Act of 1986 and 40 CFR Part 372.

SECTION VIII -- CONTROL MEASURES:

Respiratory Protection (Specify Type): Not normally required with adequate ventilation.

Ventilation:

Local Exhaust = Normally adequate **Mechanical (General) =** Recommended **Special =** N/A **Other =** N/A

Protective Gloves: Not required. **Eye Protection:** Splash goggles suggested where mist may fall into eyes.

Other Protective Clothing or Equipment: Avoid prolonged contact.

Work / Hygienic Practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling; wash clothing before reuse.

SECTION IX - TRANSPORTATION INFORMATION:

APPLICABLE REGULATIONS: 49CFR = No; IMCO = No; IATA = No.

DOT SHIPPING DESCRIPTION ON BILL OF LADING:

Proper shipping name (quarts and gallons): Not regulated

Package Label = NA Hazard Class = NA Package Group = NA

Ignitability = No; Corrosivity = No; Reactivity = not applicable.

DISCLAIMER OF WARRANTIES

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY NATURE ARE MADE WITH RESPECT TO THE PRODUCT(S) OR INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET.

The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. All information contained herein is presented in good faith and is believed to be appropriate and accurate.

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