

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS
Health: 2
Flammability: 0
Reactivity: 1
Personal Protection: B

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION I.

PRODUCT IDENTIFICATION

Product Identifier: HD Spot Out
Product VOC: 0
Manufactured by: Kor-Chem, Inc.
Manufactured for: Polymer Concepts, Inc.
705 Hembree Place, Suite A
Roswell, GA 30076
Phone: 678-802-6018

Product Identification #(PIF): 2558
Emergency Telephone #: 1-800-255-3924
General Information #: 404-344-9580
Prepared by: Sonya Lockhart
Date Prepared: October 20, 2004

SECTION II.

HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm	NE	1-5

SECTION III.

HEALTH HAZARD INFORMATION

.....Primary Routes of Entry: X Skin X Eyes Inhalation Ingestion

♦ *Effects of overexposure:*

- Eye Contact: Corrosive.
- Skin Contact: Corrosive. Dermatitis and bleaching of skin and hair may result from repeated exposure.
- Inhalation: May result in varying degrees of irritation to the respiratory tract tissues.
- Ingestion: May cause irritation to the upper gastrointestinal tract with pain, distention due to liberation of oxygen.

SECTION IV.

EMERGENCY FIRST AID

- ♦ *Eyes:* Flush well with water for at least 15 minutes. Get medical help.
- ♦ *Skin:* Wash with soap and water for at least 15 minutes. Get medical help if irritation develops.
- ♦ *Inhalation:* Move to fresh air.
- ♦ *Ingestion:* Drink lots of water to dilute, **DO NOT INDUCE VOMITING.** Get medical help.

SECTION V.

FIRE & EXPLOSION DATA

Flammability: NOT FLAMMABLE
Means of extinction: Use only water.
Autoignition Temperature: NA
Hazardous combustion products: NA

Flash Point: NA
Upper Flammability Limit (% by volume): NA
Lower Flammability Limit (% by volume): NA

- ♦ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus and protective clothing.
- ♦ *Unusual Fire Fighting Hazard:* On decomposition, H₂O₂ releases oxygen, which may intensify fire. Contact with clothing or combustibles may cause fire. Effect may be delayed. Contact with organic liquids or vapors may cause immediate fire or explosion, especially if heated.

SECTION VI.

REACTIVITY DATA

Chemical stability: Stable
Hazardous polymerization: Will not occur.
Incompatibility with other substances: Flammables/combustibles, cyanides, nitric acid, potassium permanganate, oxidizing and reducing agents.
Reactivity, and under what conditions? May react dangerously with dirt, rust, dust, iron, copper, heavy metals, alkalis and organic materials.
Hazardous decomposition products: Oxygen, which supports combustion.

SECTION VII.

HANDLING & STORAGE

Storage: Keep container closed, when not in use. Keep away from heat, flame, or sunlight. Protect from physical damage.
Handling: Do not premix with other chemicals. Exercise reasonable care and precaution. Keep out of reach of children.

SECTION VIII.

EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment: Use rubber gloves, eye protection and protective clothing.

Gloves (specify): Chemical resistant gloves (rubber)

Respirator (specify): NA

Eye (specify): Splash proof safety goggles

Footwear (specify): Chemical resistant shoes (rubber)

Clothing (specify): Polyester or acrylic full clothing.

Other: Eyewash and safety shower in immediate area.

SECTION IX.

SPECIAL PRECAUTIONS/ OTHER COMMENTS

Carefully read all instructions on label before handling this product. "FOR INDUSTRIAL USE ONLY"

SECTION X.

PHYSICAL DATA

Boiling point: >212°F

Vapor Density: (Air = 1): ND

Specific Gravity, (water + 1.0): 1.010

pH, Neat: 4.8

% Volatile/ volume: 97%

Vapor Pressure: ND

Solubility: Complete

Evaporation Rate: Similar to water

Description/odor: Colorless, clear liquid with floral odor.

SECTION XI.

TOXICOLOGICAL INFORMATION

◆ Effects of acute exposure to product: Severe irritant/corrosive to eyes, skin and gastrointestinal tract. Inhalation of mist or vapors may be severely irritating to nose, throat and lungs.

◆ Effects of chronic exposure to product: Dermatitis and bleaching of skin and hair may result from repeated exposure.

SECTION XII.

ECOLOGICAL INFORMATION

H₂O₂ in the aquatic environment is subject to various reduction or oxidation processes and decomposes into water and decomposes into water and oxygen. H₂O₂ half-life in freshwater ranged from 8 hours to 20 days, in air from 10-20 hrs, and in soils from minutes to hours depending upon microbiological activity and metal contaminants.

Catfish 96 Hr Lc50 = 37.4 mg/L

SECTION XIII.

ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION

Large spills cannot occur because of packaging. Dam up spills with inert material. Flood area with water, then wash to drain, according to local, state and federal regulations. May be destroyed with sodium metabisulfite or sodium sulfite (1.9 lb. SO₂ equivalent per lb. of peroxide). Do not release to open, public waters.

SECTION XIV.

TRANSPORT INFORMATION

Not regulated by the D.O.T.

SECTION XV.

REGULATORY INFORMATION

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302: Not listed

SECTION 311: Acute Health, Reactivity and Pressure Hazard

SECTION 312: Acute Health, Reactivity and Pressure Hazard

SECTION 313: Not listed

CERCLA: This product does not have a RQ.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22)

SECTION XVI.

ADDITIONAL INFORMATION

NONE.

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.