

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS

Health: 1
Flammability: 2
Reactivity: 0
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: PC-175
Product VOC as Per Rule 102: <100 grams per liter
Manufacturer's Name: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336

Product Identification # (PIF): 01633
Emergency Telephone #: 1-800-255-3924
General Information #: 770-344-9580
Prepared by: Sonya Lockhart
Date Revised: November 20, 2003
Updated: 01/06/2010

SECTION II.

HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Propylene glycol monomethyl ether acetate	108-65-6	NE	NE	NE	70 - 80
2. Terpene Hydrocarbon	5989-27-5	NE	NE	NE	20 - 30

SECTION III.

HEALTH HAZARD INFORMATION

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

◆ *Effects of overexposure:*

- Eye Contact: Liquid and vapor may cause eye irritation with redness, pain and tearing.
- Skin Contact: Corrosive to body tissues. Causes defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors may cause irritation to respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: May cause stomach pain, nausea and vomiting, irritation of mouth and throat.

SECTION IV.

EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes. If irritation persists, seek medical help.
- ◆ *Skin:* Wash with plenty of soap and water.
- ◆ *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: COMBUSTIBLE LIQUID

Means of extinction: Water spray, dry chemicals, CO₂.

Auto-ignition Temperature: ND

Hazardous combustion products: Carbon monoxide, carbon dioxide and smoke.

◆ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus and protective clothing. Handle as an oil fire.

◆ *Unusual Fire Fighting Hazard:* Combustible liquid, keep away from heat and open flames. Combustible vapors may accumulate and flash or explode if in contact with ignition source.

Flash Point: 114⁰F Closed Cup

Upper Flammability Limit (% by volume): ND

Lower Flammability Limit (% by volume): ND

SECTION VI.

REACTIVITY DATA

Chemical stability: Stable

Hazardous polymerization: Will not occur.

Incompatibility with other substances: Strong oxidizing agents, ammonium nitrate, strong acids, acidic agents including acidic clays, peroxides, halogens, vinyl chloride, and iodine pentafluoride.

Reactivity, and under what conditions? Violently reacts with strong acids to release large amounts of heat. Combustible.

Hazardous decomposition products: Thermal decomposition: Carbon dioxide and carbon monoxide

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 and eye protection.

Gloves (specify): Chemical resistant gloves

Eye (specify): Chemical resistant eye ware

Clothing (specify): Normal materials handling clothing.

Respirator (specify): NA

Footwear (specify): Chemical resistant shoes

Other: Always provide adequate ventilation.

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: >212⁰F

Specific Gravity, (water + 1.0): 0.930

% Volatile/ volume: 100%

Solubility: Dispersible

Description/odor: Clear, colorless liquid with citrus odor.

Vapor Density: (Air = 1): heavier than air

pH, Neat: NA

Vapor Pressure: ND

Evaporation Rate: slower than butyl acetate

SECTION XI. TOXICOLOGICAL INFORMATION

◆ Effects of acute exposure to product: Liquid and vapor irritating to eyes, skin and respiratory tract.

◆ Effects of chronic exposure to product: Prolonged skin contact may result in defatting of the skin which can lead to dermatitis. High vapor concentrations may result in CNS depression.

SECTION XII. ECOLOGICAL INFORMATION

96 hour LC50 (fathead minnow) = 161 mg/l, 48 hour LC50 (daphnid) = 408 mg/l

SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION

Large spills cannot occur because of packaging. Eliminate all ignition sources. Material should be soaked onto absorbent and shoveled into metal waste containers. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

SECTION XIV. TRANSPORT INFORMATION

Hazardous according to Table 49 CFR 172.101: **COMBUSTIBLE LIQUID N.O.S. (Propylene glycol monomethyl ether acetate, Terpene Hydrocarbons), COMBUSTIBLE LIQUID, UN 1993, III.**

Combustible Liquid: This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less.

SECTION XV. REGULATORY INFORMATION

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302: Not listed

SECTION 311: Immediate Health and Fire Hazard

SECTION 312: Immediate Health and Fire Hazard

SECTION 313: Not listed

CERCLA: Not Reportable.

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.