

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS
Health: 2
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: Amono Pine Cleaner
Product VOC: 29.7 g/L
Manufactured By: Kor-Chem, Inc.
5800 Bucknell Drive
Atlanta, GA 30336

Product Identification #(PIF): 1796
Emergency Telephone #: 1-800-255-3924
General Information #: 404-344-9580
Prepared by: Sonya Lockhart
Date Prepared: December 16, 2005

SECTION II. HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
1. Isopropyl alcohol	67-63-0	400 ppm	400 ppm	NE	3-12
2. Ethylene glycol monobutyl ether	111-76-2	25 ppm	25 ppm	NE	1-5
3. Ammonia	7664-41-7	25 ppm	25 ppm	35 ppm	1-10

SECTION III. HEALTH HAZARD INFORMATION

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

◆ *Effects of overexposure:*

- Eye Contact: May cause eye irritation with redness, and tearing.
- Skin Contact: Can cause defatting of the skin which can lead to irritation and dermatitis.
- Inhalation: Vapors may cause irritation to nose, throat, and respiratory tract. High vapor concentrations may result in CNS depression.
- Ingestion: May cause irritation to the gastrointestinal tract; nausea and vomiting.

SECTION IV. EMERGENCY FIRST AID

- ◆ *Eyes:* Flush well with water for at least 15 minutes.
- ◆ *Skin:* Wash with 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
Means of extinction: Water spray, dry chemicals, CO₂.
Auto-ignition Temperature: ND
Hazardous combustion products: Carbon monoxide, carbon dioxide.

Flash Point: 150° F
Upper Flammability Limit (% by volume): ND
Lower Flammability Limit (% by volume): ND

- ◆ *Special Fire Fighting Procedures:* Wear self-contained breathing apparatus; avoid breathing vapor or fumes of heated product.
- ◆ *Unusual Fire Fighting Hazard:* Vapors of heated product may be flammable.

SECTION VI. REACTIVITY DATA

Chemical stability: Stable
Hazardous polymerization: Will not occur.
Incompatibility with other substances: Strong oxidizing agents.
Reactivity, and under what conditions? None.
Hazardous decomposition products: Carbon monoxide and carbon dioxide.

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

Respirator (specify): NA

Eyc (specify): Chemical resistant eye warc

Footwear (specify): Chemical resistant shoes

Clothing (specify): Normal materials handling clothing.

Other: NONE

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): 0.990

pH, Neat: 9.5

% Volatile/ volume: 90%

Vapor Pressure: ND

Solubility: Complete

Evaporation Rate: ND

Description/odor: Clear liquid with alcohol, pine and ammonia odor.

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 or repeated inhalation or ingestion may result in kidney and liver changes. Prolonged skin contact may result in defatting of the skin, which can lead to dermatitis.

SECTION XII. ECOLOGICAL INFORMATION

NOT DETERMINED.....

SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION

Large spills cannot occur because of packaging. Material should be soaked onto absorbent and shoveled into 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. (Isopropyl Alcohol), 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: Listed (Ammonia)

SECTION 311: Immediate, Delayed, Fire

SECTION 312: Immediate, Delayed, Fire

SECTION 313: Listed (Isopropyl alcohol, ammonia)

CERCLA: This product is 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.