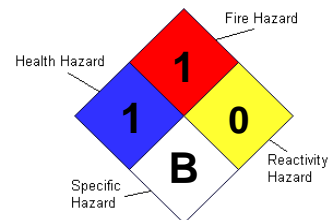


MATERIAL SAFETY DATA SHEET



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: Lemon Disinfectant
EPA Reg. # = 10324-154-11712
Manufactured By: Kor-Chem Inc.
5800 Bucknell Drive
Atlanta, GA 30336

Product Identification #(PIF): 00501
Emergency Telephone #: 1-800-255-3924
General Information #: 404-344-9580
Prepared by: Regulatory Affairs Dept.
Date Prepared: December 14, 2011

SECTION II. HAZARDOUS INGREDIENTS

	CAS #	OSHA/PEL	TLV	STEL	max. %
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	ND	ND	ND	1-5
Didecyl dimethyl ammonium chloride	7173-51-5	ND	ND	ND	1-5

SECTION III. HEALTH HAZARD INFORMATION

- Primary Routes of Entry: X Skin X Eyes X Inhalation Ingestion
- Effects of overexposure:
 - -Eye Contact: May cause irritation.
 - -Skin Contact: May cause irritation. May be absorbed through the skin in harmful amounts, causing kidney damage.
 - -Inhalation: Harmful if inhaled. May cause respiratory tract irritation. May cause lung damage if inhaled as an aerosol. Overexposure may cause CNS effects.
 - -Ingestion: May cause stomach irritation, pain and nausea.

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: If conscious, give no more than two glasses of water; DO NOT INDUCE VOMITING unless told to do so by a poison control center doctor. Get medical attention.

SECTION V. FIRE & EXPLOSION DATA

- Flammability: NOT FLAMMABLE
- Flash Point: NA
- Unsuitable extinguishing media: None.
- Upper Flammability Limit (% by volume): NA
- Autoignition Temperature: NA
- Lower Flammability Limit (% by volume): NA
- Hazardous combustion products: Irritating and toxic gases or fumes may be released during a fire.
- Special Fire Fighting Procedures: Full turn-out gear and self-contained breathing apparatus should be worn when fighting large fires.
- Unusual Fire Fighting Hazard: Explosive mixtures can form with air.

SECTION VI. REACTIVITY DATA

- Chemical stability: Stable
- Hazardous polymerization: Will not occur.
- Incompatibility with other substances: Oxidizing materials, strong acids and bases.
- Conditions to avoid: Keep from freezing.

SECTION VII. HANDLING & STORAGE

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

SECTION VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

- Personal protective equipment: Safety glasses and gloves.
- Gloves (specify): Chemical resistant gloves
- Respirator (specify): NIOSH, if ventilation is inadequate
- Eye (specify): Safety glasses or goggles
- Footwear (specify): NA
- Clothing (specify): Normal materials handling clothing
- Other: Always provide adequate ventilation.

SECTION IX. SPECIAL PRECAUTIONS/ OTHER COMMENTS

- Carefully read all instructions on label before handling this product. Keep out of reach of children. "FOR INDUSTRIAL USE ONLY" Keep out of reach of children.

SECTION X. PHYSICAL DATA

- Boiling point: >212⁰F
- Vapor Density: (Air = 1): ND
- Specific Gravity, (water + 1.0): 0.995-1.005
- pH, Neat: 6.6-8.0
- % Volatile/ volume: UNK
- Vapor Pressure: ND
- Solubility: Soluble
- Evaporation Rate: Slower than butyl acetate.
- Description/odor: Yellow liquid, characteristic odor.

SECTION XI. TOXICOLOGICAL INFORMATION

- Effects of acute exposure to product: May cause eye and skin irritation.
- Effects of chronic exposure to product: Overexposure may cause kidney and lung damage and CNS effects

SECTION XII. ECOLOGICAL INFORMATION

- NOT DETERMINED.....

SECTION XIII. ACCIDENTAL RELEASE MEASURES/ DISPOSAL INFORMATION

- Material should be soaked onto absorbent and shoveled into waste containers. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance to local, state and federal regulations. Do not release to open, public waters.

SECTION XIV. TRANSPORT INFORMATION

- Not regulated by D.O.T.

SECTION XV. REGULATORY INFORMATION

- SARA TITLE II REPORTING REQUIREMENTS
 - SECTION 302: Not listed
 - SECTION 311/312: Not listed
 - SECTION 313: Not listed
 - CERCLA: This product is not reportable.
 - RCRA: Not Applicable.

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.