



KIMIA LOTUS CHEMICAL

MATERIAL SAFETY DATA SHEET

Lo -403

IN CASE OF EMERGENCY:(021) 88007567

تاریخ:

شماره:

پیوست:

Trade name: LO-403
Description: Cooling Water Treatment
DOT Information: CORROSION INHIBITOR

HEALTH 1 HAZARDOUS
FIRE 0 WILL NOT BURN
REACTIVITY 0 STABLE
SPECIFIC

SECTION 3-PHYSICAL DATA

BOILING POINT > 212°F
VAPOR PRESSURE (mmHg) ND
EVAP RATE (WATER=1) ND
ODOR Acid
SOLUBILITY IN WATER Complete
VAPOR DENSITY (AIR=1) ND

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NA (Water Base) FLAMMABILITY LIMITS: LOWER: NA UPPER: NA
EXTINGUISHING MEDIA
Water, foam, dry chemical or carbon dioxide for fires in storage areas.
SPECIAL FIREFIGHTING PROCEDURES
Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, or venting container.
UNUSUAL FIRE & EXPLOSION HAZARDS
Dried residue can thermally decompose, giving off irritating and potentially toxic fumes.

SECTION 5-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

Inhalation: Mist may cause irritation of upper respiratory passages and could even possibly damage lung tissue proper.
Skin Contact: May cause surface irritation. May cause a more serious response if confined to the skin or if the skin is abraded. A single short term exposure is not likely to result in harmful quantities being absorbed.
Eye Contact: Can cause burns to eye and surrounding tissue.
Ingestion: Amounts ingested incidental to industrial handling are not likely to cause injury; however, ingestion of larger amounts may cause nausea and vomiting.

Delayed Effects: Prolonged exposure may cause severe burns.

SECTION 6- FIRST AID MEASURES

Inhalation: If breathing stops, give artificial respiration. Call a Physician immediately.
Skin Contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes, wash before reuse.
Eye Contact: Flush eyes with large quantities of running water for a minimum of 15 minutes. Seek medical attention should irritation persist.
Ingestion: Induce vomiting. If conscious, give large quantities of water. Call a physician or the nearest Poison Control Center.



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SECTION 7-SPILL OR LEAK PROCEDURES

SPILL PROCEDURE: Wear protective clothing, goggles, and gloves. For small spills mop or wipe up. For large spills contain by diking with soil or other absorbent material.

WASTE DISPOSAL METHOD: Lime or soda ash may be used to neutralize the final traces immediately after flushing. Use DOT approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required under normal conditions of use.

EYE PROTECTION: Chemical goggles and face shield.

SKIN PROTECTION: Rubber gloves.

OTHER CLOTHING: Standard industrial clothing.

ENGINEERING CONTROLS: Normal.

SECTION 9-HANDLING AND STORAGE

SPECIAL PRECAUTIONS: Store at room temperature. Do not store at temperatures above 120 degrees F.

Freezing point: -15 Deg.C

OTHER PRECAUTIONS: An eyewash and safety shower should be nearby and ready for use.

SECTION 10-TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Corrosive, UN 2796, PG II (Contains Sulfuric Acid, liquid)

WARNING LABEL: CORROSIVE

REGULATORY INFORMATION

CERCLA Status: Reportable quantity for sulfuric acid and zinc sulfate: 1000 lbs.

SARA/Title III-Section 304 Emergency notification reporting. This product contains a Section 304 listed hazardous substance for emergency release notification.

SARA/Title III- Section 313 Toxic chemical release reporting. This product does not contain a Section 313 listed chemical subject to release reporting requirements.

TSCA Inventory Status: All chemical components are listed on TSCA Inventory.

This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

OTHER INFORMATION

NA= Not Applicable

ND= Not Determined

NE= Not Established

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