



MATERIAL SAFETY DATA SHEET

CL-63

Material Identification and Use

EFFECTIVE DATE..... 10/8/02 (Last revision N/A)
MANUFACTURED FOR Legacy Chiller Systems, Inc.
ADDRESS 484 Main Street – Suite 1 * Diamond Springs, CA. 95619
PHONE (877) 988-5464
EMERGENCY PHONE NUMBER (800) 424-9300 CHEMTREC
DOT SHIPPING NAME NA
HAZARD CLASS Non-hazardous (liquid)
UN NUMBER NA
PRODUCT USE This product is designed for use in industrial, commercial or institutional water treatment systems. This product is not for use in potable water systems.

Hazardous Ingredients

Table with 4 columns: HAZARDOUS INGREDIENTS, PERCENT (%), TLV (Units), CAS NUMBER. Rows include Sodium Hydroxide and Sodium Nitrite.

Physical Data

PHYSICAL STATE Liquid
BOILING POINT NE
MELTING POINT NE
FREEZING POINT > 35 Deg F
VAPOR PRESSURE NE
VAPOR DENSITY (air=1)..... NE
EVAPORATION RATE..... NE
SOLUBILITY IN H2O..... Complete
VOLATILITY/VOL(%) NE
pH 12.52
SPECIFIC GRAVITY 1.027
DENSITY (g/ml) NE
ODOR AND APPEARANCE Colorless to pale yellow liquid, essentially odorless.



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Fire and Explosion Hazard Data

FLASHPOINT AND METHOD OF DETERMINATION None
AUTO-IGNITION TEMPERATURE NA
UPPER EXPLOSION LIMIT(% BY VOL) NA
LOWER EXPLOSION LIMIT(% BY VOL) NA
MEANS OF EXTINGUISHMENT In case of fire, use water spray, foam, dry chemical or CO2.
HAZARDOUS COMBUSTION PRODUCTS None known
SPECIAL FIREFIGHTING PROCEDURES NA
UNUSUAL FIRE AND EXPLOSION DATA.....

Reactivity Data

CHEMICAL STABILITY Stable
HAZARDOUS POLYMERIZATION Will not occur
INCOMPATIBLE MATERIALS Strong acids and bases, strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS NA
CONDITIONS OF REACTIVITY NA

Health Hazard Data

ROUTES OF ENTRY
BY EYE CONTACT Possible
BY SKIN CONTACT Possible
BY SKIN ABSORPTION NA
BY INHALATION Possible
BY INGESTION Possible
TLV (UNITS) NE
ACUTE OVER EXPOSURE EFFECTS Eye irritant. Risk of serious damage of eyes. Skin irritant.
CHRONIC OVER EXPOSURE EFFECTS NE

CARCINOGENIC ACCORDING TO THE FOLLOWING:

NTP? No
IARC MONOGRAPHS? No
OSHA REGULATED No
OTHER.....



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First Aid Measures

SPECIFIC FIRST AID PROCEDURES Flush eyes with abundant water. Consult a physician. Promptly remove contaminated clothes. Wash skin with soap and water. If irritation persists, consult a physician. If ingested, give water. Do not induce vomiting. Call a physician. In case of discomfort by vapors or dusts, move to a ventilated area.

Preventive Measures

LEAK AND SPILL PROCEDURES Contain the spill and absorb with an inert material. Collect.
WASTE DISPOSAL Dispose of contaminated product via an approved chemical waste disposal firm and in accordance with all federal, state and local regulations.
HANDLING PROCEDURES AND EQUIPMENT..... Wear suitable, protective clothing..
STORAGE REQUIREMENTS Store in a tightly sealed container. Store in a cool, dry and well-ventilated area away from acids.

Control Measures

RESPIRATORY PROTECTION Use a vapor/particulate respirator that respirator suppliers recommends as effective for this product. Carefully follow directions for respirator use.

VENTILATION

 LOCAL EXHAUST Recommended

 MECHANICAL EXHAUST Adequate

 OTHER.....

PROTECTIVE GLOVES Wear suitable gloves.

EYE PROTECTION Wear eye/face protection.

OTHER PROTECTIVE EQUIPMENT Wear suitable protective clothing.



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Regulatory Information

HAZARD RATING: Health: 3 Fire: 0 Reactivity: 1 Special Warning: HAZARD RATING SCALE: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III

Ingredients covered under the following sections:

CERCLA Hazardous Substance: Sodium Hydroxide, RQ= 1000 lbs Sodium Nitrite, RQ=100

SARA Toxic Chemical - SECTION 313: None

OTHER

IN ACCORDANCE WITH VARIOUS STATE (U.S.) REGULATIONS THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL INGREDIENTS:

Table with 2 columns: INGREDIENTS, CAS NUMBER. Rows include Sodium Hydroxide, Sodium Nitrite, Sodium Molybdate, Sodium Metaborate, and Sodium Tolyltriazole.

Preparation Information

PREPARED BY PTD PHONE NUMBER OF PREPARER (877) 988-5464

DISCLAIMER:

The above information and recommendations are accurate to the best of our knowledge. However, the company assumes no liability for the accuracy or completeness of the information contained herein and disclaims all liability for the reliance thereon.

UN - Unavailable NA - Not Applicable NE - Not Established