



MATERIAL SAFETY DATA SHEET

CC-145

Material Identification and Use

EFFECTIVE DATE..... 12/31/02 (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 Not Regulated
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. Row 1: 2-Butoxyethanol, NE, 111-76-2

Physical Data

PHYSICAL STATE Liquid
BOILING POINT 100° C
MELTING POINT NE
FREEZING POINT NE
VAPOR PRESSURE NE
VAPOR DENSITY (air=1)..... <1
EVAPORATION RATE..... (water = 1) 1
SOLUBILITY IN H2O..... Complete
VOLATILITY/VOL(%)..... NE
pH 10.5
SPECIFIC GRAVITY 1.010
DENSITY (g/ml) NE
ODOR AND APPEARANCE Clear yellow liquid; butyl odor.



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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 EXTINCTION In case of fire, use water spray, foam, dry chemical or CO2.
HAZARDOUS COMBUSTION PRODUCTS Oxides of carbon, nitrogen and unidentified organic compounds.
SPECIAL FIREFIGHTING PROCEEDURES Wear self contained breathing apparatus
UNUSUAL FIRE AND EXPLOSION DATA None

Reactivity Data

CHEMICAL STABILITY Stable
HAZARDOUS POLYMERIZATION Will not occur
INCOMPATIBLE MATERIALS Strong oxidizers; strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon, nitrogen and unidentified organic compounds.
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. Skin irritant. Probable mucosal damage may
contraindicate the use of gastric lavage. Measures against circulatory
shock as well as the use of oxygen to support breathing may be
needed.
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. Wash skin with soap and water. If irritation persists, consult a physician. In case of discomfort by vapors or dusts, move to a ventilated area. If irritation persists, consult a physician. If ingested, give water, followed by citrus juice or one ounce of vinegar in water. Follow with milk or olive oil. Do not induce vomiting. Call a physician.

Preventive Measures

LEAK AND SPILL PROCEDURES Contain the spill and carefully neutralize with acetic acid. Soak up with absorbent material and place in properly labeled containers for proper disposal. Avoid contamination of food or foodstuffs. Keep out of lakes, streams or ponds.

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 a face shield and avoid all skin contact. Handle an open container with care.

STORAGE REQUIREMENTS Store in a tightly sealed container in a cool, dry and well-ventilated area.

Control Measures

RESPIRATORY PROTECTION Not required for normal use

VENTILATION

 LOCAL EXHAUST NA

 MECHANICAL EXHAUST Recommended

 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: 1 Fire: 0 Reactivity: 0 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: None

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 2-Butoxyethanol, Sodium Silicate, and Carboxylated Sodium Propionate.

Preparation Information

PREPARED BYPTD 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