

MONOETHANOLAMINE CHELATING SOLUTION

MSDS Number

BSCYB

National Stock Number

6810-00-958-9970

Product Name

MONOETHANOLAMINE CHELATING SOLUTION

Manufacturer

AMJAY CHEMICALS

Product Identification

Product ID: MONOETHANOLAMINE CHELATING SOLUTION

MSDS Date: 09/08/1993

FSC: 6810

NIIN: 00-958-9970

MSDS Number: BSCYB

Responsible Party

AMJAY CHEMICALS

11490 WESTHEIMER SUITE 290

HOUSTON , TX 77218-8786

US

Emergency Phone: 713-492-2000

Info Phone: 713-492-2000

Preparer: HUDMAN & ASSOCIATES, INC

Cage: KO490

Contractor

AMJAY CORP. DBA AMJAY CHEMICALS

218786

HOUSTON, TX 77218-8786

US

713-492-2000

Cage: 64184

Ingredients

ETHANOLAMINE

CAS: 141-43-5

RTECS: KJ5775000

Fraction By Weight: >99%

OSHA PEL3 PPM/6 STEL

ACGIH TLV: 3 PPM/6 STEL; 9293

SODIUM SALT OF N,N-BIS(2-HYDROXYETHYL)GLYCINE (SODIUM

CAS: 139-41-3

Fraction By Weight:

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: HARMFUL IF ABSORBED THROUGH SKIN OR INGESTED. CONTACT WITH SKIN AND EYES MAY CAUSE SEVERE IRRITATION OR BURNS. INHALATION MAY CAUSE LUNG DAMAGE OR RESPIRATORY IRRITATION. INGESTION MAY CAUSE SEVERE BURNS TO MOUTH, THROAT, AND STOMACH. CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE LIVER OR KIDNEY DAMAGE.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:INHALED: HEADACHE, NASAL DISCOMFORT, CHEST PAIN, AND COUGHING. EYES: TEARS, PAIN, BURNS, BLURRED VISION. SKIN: REDNESS, SWELLING, PAIN, BLEEDING. INGESTED: ABDOMINAL AND CHEST PAIN, NAUSEA, VOMITING, DIARRHEA, DIZZINESS, DROWSINESS, CIRCULATORY COLLAPSE, POSSIBLE COMA.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL AID. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER. GET MEDICAL AID. INGESTED: DO NOT INDUCE VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Flash Point:>200F,>93C
Extinguishing Media:DRY POWDER, CARBON DIOXIDE, ALCOHOL FOAM
Fire Fighting Procedures:WEAR FULL BUNKER GEAR INCLUDING USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER. KEEP UNNECESSARY PEOPLE AWAY
Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE IF EXPOSED TO FIRE.

Accidental Release

Spill Release Procedures:ABSORB WITH INERT MATERIAL AND PLACE IN A CLEAN, DRY CONTAINER FOR LATER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:WEAR PROPER PROTECTIVE CLOTHING EQUIPMENT WHEN HANDLING. STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM INCOMPATIBLE MATERIALS.
Other Precautions:AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED SKIN CONTACT. DO NOT GET IN EYES, OR ON SKIN OR CLOTHES.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR, SUPPLIED AIR RESPIRATOR OR SCBA, IF TLV/PEL EXCEEDED DUE TO FAILURE OF ENGINEERING EQUIPMENT OR EMERGENCY. USE IAW 29 CFR 1910.134.
Ventilation:NONE NORMALLY REQUIRED. HMIS: USE ADEQUATE MECHANICAL VENTILATION.
Protective Gloves:RUBBER, PVC
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health

Chemical Properties

HCC:B2
Boiling Pt:B.P. Text:338F,170C
Spec Gravity:>1.018(WATER=1)
Solubility in Water:APPRECIABLE
Appearance and Odor:CLEAR LIQUID WITH MILD AMMONIACAL ODOR

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG MINERAL ACIDS, KETONES, ALDEHYDES, ACRYLATES, ANHYDRIDES, ORGANIC HALIDES.

Stability Condition to Avoid: TEMPERATURES ABOVE 250C. CONTACT WITH INCOMPATIBLE MATERIALS.

Hazardous Decomposition Products: NONE

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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