

ETHYLENEDIAMINE

MSDS Number

BCYPZ

National Stock Number

6810-00-101-7203

Product Name

ETHYLENEDIAMINE

Manufacturer

UNION CARBIDE

Product Identification

Product ID:ETHYLENEDIAMINE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-101-7203

MSDS Number: BCYPZ

Responsible Party

UNION CARBIDE

308 HARPER DR

MOORESTOWN , NJ 08057

US

Cage: 07098

Contractor

UNION CARBIDE CORP CHEMICALS AND PLASTICS DIV

MOORESTOWN, NJ 08057

US

201-646-1111

Cage: 7L938

Ingredients

ETHYLENEDIAMINE (SARA III)

CAS: 107-15-3

RTECS: KH8575000

OSHA PEL10 PPM

ACGIH TLV: S, 10 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Effects of Overexposure:SKIN/EYE: BURNS & RASH. VAPORS: IRRITATING,MAY CAUSE ASTHMA

First Aid

First Aid:FLUSH EYE WITH WATER 15 MIN,GET MEDICAL CARE. SKIN: FLUSH WITH WATER,REMOVE CONTAMINATED CLOTHING. INHALATION: REMOVE TO FRESH AIR

Fire Fighting

Flash Point:99F/37C (TOC)

Lower Limits:5.8
Upper Limits:11.1
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,POLYMER FOAM
Fire Fighting Procedures:DILUTION WITH LARGE VOLUMES OF WATER,REDUCE
INTENSIT OF FIRE

Accidental Release

Spill Release Procedures:FLUSH AWAY SPILLED MATERIAL WITH LARGE VOLUMES
OF WATER.

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT,SPARKS,AND FLAMES.
AVOID BREATHING VAPORS. USE WITH ADEQUATE VENTILATION. DO NOT GET
ON SKIN,EYES OR CLOTHING.
Other Precautions:PRODUCT FREEZES AT APPROX 50F/10C

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESP DEVICE IN ACCORD WITH
EXPOSURE OF CONCERN.
Ventilation:LOCAL/MECHANICAL
Protective Gloves:RUBBER
Eye Protection:COVERALL GOGGLES
Other Protective Equipment:FACE SHIELD,RUBBER APRON,EYE BATH & SAFETY
SHOWER.
Supplemental Safety and Health

Chemical Properties

HCC:C2
Boiling Pt:B.P. Text:242F/117C
Vapor Pres:10
Vapor Density:2.07
Spec Gravity:0.9089
Evaporation Rate & Reference:0.91 (BUTYL ACET)
Solubility in Water:COMPLETE
Appearance and Odor:WATER-WHITE LIQUID,MILD & AMMONIACAL ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
ACIDS

Disposal

Waste Disposal Methods:INCINERATE IN A FURNACE.

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