

UNION CARBIDE -- ETHYLENEDIAMINE -- 6810-00-101-7203

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===== Product Identification =====

Product ID:ETHYLENEDIAMINE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-101-7203

MSDS Number: BCYPZ

=== Responsible Party ===

Company Name:UNION CARBIDE

Address:308 HARPER DR

City:MOORESTOWN

State:NJ

ZIP:08057

Country:US

CAGE:07098

=== Contractor Identification ===

Company Name:UNION CARBIDE

Phone:800-822-4357

CAGE:07098

Company Name:UNION CARBIDE CORP CHEMICALS AND PLASTICS DIV
A

Address:308 HARPER DR

Box:City:MOORESTOWN

State:NJ

ZIP:08057

Country:US

Phone:201-646-1111

CAGE:7L938

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===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENEDIAMINE (SARA III)

CAS:107-15-3

RTECS #:KH8575000

OSHA PEL:10 PPM

ACGIH TLV:S, 10 PPM; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====

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

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===== First Aid Measures =====

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 Measures =====

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

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===== Accidental Release Measures =====

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

===== Handling and Storage =====

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/Personal Protection =====

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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

===== Physical/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 and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

ACIDS

===== Disposal Considerations =====

Waste Disposal Methods:INCINERATE IN A FURNACE.

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