

CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV -- MEA (MONOETHANOLAMINE) --
6810-00-922-0866

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

Product ID:MEA (MONOETHANOLAMINE)

MSDS Date:11/01/1983

FSC:6810

NIIN:00-922-0866

MSDS Number: BJPMK

=== Responsible Party ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Coun

try:US

Emergency Phone Num:800-424-9300

CAGE:56894

=== Contractor Identification ===

Company Name:CHEMTECH INDUSTRIES INC MANUFACTURED PRODUCTS DIV

Address:1655 DES PERES RD

Box:31000

City:ST. LOUIS

State:MO

ZIP:63131-1821

Country:US

Phone:314-966-9934

CAGE:56894

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

Ingred Name:ETHANOLAMINE

CAS:141-43-5

RTECS #:KJ5775000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:3 PPM/6 STEL

ACGIH TLV:3 PPM/6 STEL; 9192

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

LD50 LC50 Mixture:LD50 (ORAL RAT) = 1720 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES/SKIN/MUCOUS MEMBRANES: BURNS AND IRRITATION. AVOID BREATHING OF VAPOR. CAUSES LETHARGY AND PULMONARY IRRITATION.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION AND BURNING OF EYES/SKIN/RESPIRATORY TRACT. CAUSES LETHARGY AND PULMONARY IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES/SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. IF RESPIRATORY TRACT IS IRRITATED. CALL A PHYSICIAN.

INGESTION:THOROUGHLY WASH OUT MOUTH WITH WATER, GIVE PLENTY OF WATER TO DRINK. CALL A PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:200F,93C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:MOP OR WIPE UP SPILL WITH DRY ABSORBENT AND PLACE IN AN APPROVED CONTAINER AND SEAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWA

Y FROM SOURCES OF IGNITION. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:BUTYL RUBBER OR NEOPRENE GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:COVERALLS AND IMPERVIOUS BOOTS

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MATERIAL IS TOXIC AND CORROSIVE - AVOID CONTACT AND BREATHING OF VAPOR/MISTS.

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===== Physical/Chemical Properties =====

HCC:B2

Boiling Pt:B.P. Text:338F,170C

Vapor Pres:0.4

Spec Gravity:1.0179

Solubility

in Water:COMPLETE

Appearance and Odor:CLEAR VISCOUS LIQUID

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, AND OTHER POSSIBLE BYPRODUCTS (NITROGEN COMPOUNDS)

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

Waste Disposal Methods:DISPOSE OF IN ACCO

RDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS.

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