

TEXACO CHEMICAL CO DIVISION OF TEXACO INC -- 75090 MONOETHANOLAMINE, MEA --
6810-00-922-0866

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

Product ID:75090 MONOETHANOLAMINE, MEA

MSDS Date:01/27/1992

FSC:6810

NIIN:00-922-0866

MSDS Number: BLLWP

=== Responsible Party ===

Company Name:TEXACO CHEMICAL CO DIVISION OF TEXACO INC

Address:4800 FOURANCE INC

Box:430

City:BELLAIRE

State:TX

ZIP:77401-2324

Country:US

In

fo Phone Num:512-459-6543

Emergency Phone Num:409-727-0831

Preparer's Name:F. E. BENTLEY

CAGE:19630

=== Contractor Identification ===

Company Name:CHEMICAL RESEARCH PRODUCTS CO INC

Address:3600 KOPPENS WAY

Box:City:CHESAPEAKE

State:VA

ZIP:23323-2532

Country:US

Phone:804-485-1155

CAGE:62799

Company Name:MAGNOLIA CHEMICALS AND SOLVENTS

Address:1020 SAMS AVENUE

Box:10276

City:NEW ORLEANS

State:LA

ZIP:70181-0278

Country:US

Phone:504-733-6600

CAGE:0LNB7

Company Name:TEXACO CHEMICAL CO DIV OF TEXCAO I

NC
Address:4800 FOURNACE PL
Box:City:BELLAIRE
State:TX
ZIP:77401
Country:US
Phone:713-961-3711
CAGE:19630

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Composition/Information on Ingredients
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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
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 1000-2000 MG/KG
Routes of Entry: Inhalation:YES Skin:Y
ES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE IRRITATION OF RESPIRATORY
TRACT IF VAPORS INHALED. MAY CAUSE SEVERE IRRITATION OR BURNS TO
SKIN AND EYES ON CONTACT. MAY CAUSE BLINDNESS. MAY CAUSE LUNG
DAMAGE IF SWALLOWED AND ASPIRATED.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: COUGHING, WHEEZING, SNEEZING,
SHORTNESS OF BREATH, BURNING SENSATION IN CHEST. EYES: BURNING
SENSATION, TEA
RING, PAIN, REDNESS, BLURRED VISION. SKIN: REDNESS,
BLISTERS, PAIN, ITCHING. INGE STED: SEVERE STOMACH PAIN, NAUSEA,
VOMITING, DIARRHEA, SORE THROAT.
Medical Cond Aggravated by Exposure:MAY AGGRAVATE AN EXISTING
DERMATITIS, ASTHMA & INFLAMMATORY OR FIBROTIC PULMONARY DISEASE.

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First Aid Measures
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First Aid:CALL A PHYSICIAN IN ALL CASES.INHALATION: REMOVE TO FRESH
AIR. RESUSCITATE IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES.

SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP & WATER. IF BU RNE D; SEE DOCTOR. INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS, GIVE WATER TO DILUTE. GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:204F,96C

Lower Limits:5

Upper Limits:17

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, FOAM, OR CARON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE EQUIPMENT; AVOID CONTACT WITH LIQUID & VAPORS! COLLECT FOR DISPOSAL. TOXIC TO AQUATIC LIFE; AVOID DISCHARGE TO NATURAL WATERS.

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

Handling and Storage Precautions:STORE IN A COOL, DRY & VENTILATED AREA AWAY FROM HEAT & FLAMES. KEEP CONTAINER CLOSED.

Other Precautions:NONE

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

Respiratory Protection:IF ENGINEERING EQUIPMENT FAILS, USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH ORGANIC VAPOR FILTER. IF RESPIRATORY EQUIPMENT USED; A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE IMPLEMENTED.

Ventilation:GENERAL(MECHANICAL) ROOM VENTILATION IS ADEQUATE. LOCAL VENTILAT

ION IF VAPORS CAN BE EXPECTED TO ESCAPE TO THE WORKPLACE.

Protective Gloves:PVC-COATED OR RUBBER

Eye Protection:CHEMICAL GOGGLES WITH FACE SHIELD

Other Protective Equipment:EYE BATH, SAFETY SHOWER AND CHEMICAL APRON

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES. WASH THOROUGHLY AFTER HANDLING. DON'T WEAR CONTACT LENSES.

Supplemental Safety and Health

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

HCC:B2

Boiling Pt:B.P. Text:339F,171C

Melt/Freeze Pt:M.

P/F.P Text:52.0F,11.1C

Vapor Pres:0.2

Vapor Density:2.1

Spec Gravity:1.02

pH:11.8

Viscosity:24.1 CP

Solubility in Water:COMPLETE

Appearance and Odor:WATER-WHITE LIQUID, MILDLY AMMONIACAL ODOR

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:EXCESSIVE HEAT AND FLAMES

Hazardous Decomposit

ion Products:CARBON MONOXIDE AND/OR CARBON DIOXIDE,
NITROGEN OXIDES AND NITROSAMINES.

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

Waste Disposal Methods:INCINERATE IN A FURNACE WHERE PERMITTED UNDER
APPROPRIATE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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