

NUTMEG CHEMICAL COMPANY -- NB-50;DEEA,DIETHYLETHANOLAMINE -- 6810-01-238-4133

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Product Identification  
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Product ID:NB-50;DEEA,DIETHYLETHANOLAMINE

MSDS Date:10/22/1986

FSC:6810

NIIN:01-238-4133

MSDS Number: BGRDQ

=== Responsible Party ===

Company Name:NUTMEG CHEMICAL COMPANY

Address:125 MARKET STREET

Box:309

City:NEW HAVEN

State:CT

ZIP:06512

Country:US

Info Phone Num:203-777-7691

Emergenc

y Phone Num:203-674-3456

CAGE:57905

=== Contractor Identification ===

Company Name:NUTMEG CHEMICAL CO

Address:125 MARKET ST

Box:309

City:NEW HAVEN

State:CT

ZIP:06512

Country:US

CAGE:57905

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Composition/Information on Ingredients  
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Ingred Name:2-DIETHYLAMINOETHANOL

CAS:100-37-8

RTECS #:KK5075000

Fraction by Wt: 99.0%

OSHA PEL:S, 10 PPM

ACGIH TLV:S, 10 PPM; 9192

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Hazards Identification  
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LD50 LC50 Mixture:ORAL RAT:1300 MG/KG:

DERMAL,RAB:1260MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE:CORROSIVE TO ALL BODY

TISSUES;SEVERE IRRITATION,BURNS OF EYES AND SKIN;INGESTION MAY CAUSE SEVERE,G.I. DISTURBANCES,NAUSEA,VOMITING,RESPIRATORY IRRITATION,PULMONARY EDEMA. CHRONIC:MILD TREMORS,C ORNEAL OPACITY,LUNG IRRITATION.

Explanation of Carcinogenicity:NO DATA PER MSDS

Effects of Overexposure:SKIN:IRR,SENSIT

IZER;INH:IRR OF MUCOUS

MEMBRANE,DROWSINESS,NAUSEA,\*\*EYES:BURNS\*\*

Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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First Aid Measures  
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First Aid:SKIN:WASH WITH SOAP AND WATER. EYES: FLUSH WITH WATER.  
INHALED: REMOVE TO FRESH AIR. REMOVE CONTAMINATED CLOTHING. SEEK  
MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:120F/49C

Lower Limits:1.85

Upper Limits

:28.0

Extinguishing Media:CO\*2, FOAM, DRY CHEM & H\*2O FOG.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA.

Unusual Fire/Explosion Hazard:OXIDES OF NITROGEN.

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Accidental Release Measures  
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Spill Release Procedures:REMOVE IGNITION SOURCES,VENTILATE AREA  
WELL.ABSORB WITH VERMICULITE OR OTHER MATERIALS, SUCH AS  
SAWDUST,RAGS,PAPER & PLACE IN CLOSED CONTAINER. USE NON SPARKING  
TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DUR  
ING CLEAN UP.FLUSH  
RESIDUE W.LG AMTSOF WTR.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN COOL,DRY WELL VENTED LOW FIRE  
RISK AREA. PROTECT FROM HEAT,SHOCK,FRICION. KEEP CONTAINERS  
CLOSED.

Other Precautions:WASH THOROUGHLY AFTER HANDLING.

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Exposure Controls/Personal Protection  
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Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC  
VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN

AN ENCLOSED AREA.

Ventilation:LOCAL EXHAUST PREFERRED,MECHANICAL EXHAUST ACEPTABLE.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:SAFETY SHOWER & EYE BATH

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST;WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

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

HCC:F7

Boiling Pt:=100.C, 212.F

Vapor Pres:1

Vapor Density:4

Spec Gravity:0.885

pH:1.7

Evapor

ation Rate & Reference:0.17

Solubility in Water:COMPLETE

Appearance and Odor:AMBER/WHITE LIQUID WITH AMINE ODOR.

Percent Volatiles by Volume:100.0

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

Stability Indicator/Materials to Avoid:YES

STRONG HEAT,STRONG ACID,STRONG OXIDIZING AGENTS,ISOCYANATES.

Stability Condition to Avoid:EXTREME HEAT.

Hazardous Decomposition Products:CO,CO\*2 & NITROGEN OXIDES.

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

Wa

ste Disposal Methods:KEEP IN COVERED DRUMS,PENDING DISPOSAL. HANDLE & DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS. PRODUCT IS SOLUBL IN WTR & CAN BE REMOVD FROM DRUM BY ESTABLISHD PROCEDURES USED BY DRUM RECONDITIONERS

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