

## **N,N-DIETHYLETHANAMINE, O-297**

### **MSDS Number**

CBDMJ

### **National Stock Number**

6810-00N066280

### **Product Name**

N,N-DIETHYLETHANAMINE, O-297

### **Manufacturer**

CHEM SERVICE INC

### **Product Identification**

Product ID:N,N-DIETHYLETHANAMINE, O-297

MSDS Date:09/01/1988

FSC:6810

NIIN:00N066280

MSDS Number: CBDMJ

### **Responsible Party**

CHEM SERVICE INC

WEST CHESTER , PA 19381

US

Emergency Phone: 215-692-3026

Info Phone: 215-692-3026

Cage: 84898

### **Contractor**

CHEM SERVICE, INC

599

WEST CHESTER, PA 19301-9650

US

610-692-3026

Cage: 8Y898

### **Ingredients**

TRIETHYLAMINE; (N,N-DIETHYLETHANAMINE) (CERCLA)

CAS: 121-44-8

RTECS: YE0175000

OSHA PEL25 PPM

ACGIH TLV: 1 PPM; 5 STEL, S

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

### **Hazards**

LD50 LC50 Mixture:LD50: (ORAL, RAT) 460 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:CONTACT LENSES SHOULD NOT BE WORN IN

LABORATORY. ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS. AVOID

DIRECT PHYSICAL CONTACT! LACHRYMATOR - CAUSES SEVERE EYE

IRRITATION. CAN BE HARMFUL IF SWALLOWED. C AN BE HARMFUL IF

INHALED. CAN BE HARMFUL IF ABSORBED THROUGH THE SKIN. VAPORS AND/OR

## DIRECT EYE (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ: CONTACT CAN CAUSE SEVERE EYE BURNS.  
CAN CAUSE SEVERE SKIN BURNS. EXTREMELY DESTUCTIVE OF MUCOUS  
MEMBRANES AND/OR UPPER RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INGEST: ANTIDOTE IS SUBSTANCE INTENDED TO COUNTERACT EFT OF  
POIS. IT SHOULD BE ADMIN ONLY BY MD OR TRAINED EMER PERS. MED  
ADVICE CAN BE OBTAINED FROM POIS CTL CTR. EYES: FLUSH CONTINUOUSLY  
W/WATER FOR AT LEAST 15-20 MIN. SKIN: FLUSH W/WATER FOR 15-20 MIN.  
IF NO BURNS HAVE OCCURRED, USE SOAP & WATER TO CLEANSE SKIN. INHAL:  
REMOVE TO FRESH AIR. ADMIN OXYGEN IF HAVING DFCLTY BRTHG. IF BRTHG  
(SUPDAT)

## Fire Fighting

Flash Point:21.2F,-6.0C

Lower Limits:1.2%

Upper Limits:8%

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL POWDER. DO NOT USE  
WATER.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:THIS IS A COMBUSTIBLE COMPOUND.

## Accidental Release

Spill Release Procedures:EVACUATE AREA. WEAR APPROPRIATE OSHA-REGULATED  
EQUIPMENT. VENTILATE AREA. ABSORB ON VERMICULITE OR SIMILAR  
MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR  
DISPOSAL. WASH CONTAMINATE D SURFACES TO REMOVE ANY RESIDUES.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:AVOID CONTACT WITH SKIN, EYES AND  
CLOTHING. KEEP TIGHTLY CLOSED AND STORE IN A COOL, DRY PLACE. STORE  
ONLY WITH COMPATIBLE CHEMICALS.

Other Precautions:PERSONS NOT SPECIFICALLY & PROPERLY TRAINED SHOULD  
NOT HANDLE THIS CHEM/ITS CNTNR. PROD IS FURNISHED FOR LAB USE ONLY!  
PRODS MAY NOT BE USED AS DRUGS, COSMETICS, AGRICULTURAL OR  
PESTICIDAL PRODS, FOOD ADDITIVES OR AS HOUSEHOLD CHEMS.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE  
FOR EXPOSURE OF CONCERN .

Ventilation:THIS CHEMICAL SHOULD BE HANDLED ONLY IN A HOOD.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS (SUPDAT)

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER . USE  
APPROPRIATE OSHA/MSMA APPROVED SAFETY EQUIPMENT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

FIRST AID PROC: HAS STOPPED ADMIN ARTF RESP. IF IN CARDIAC ARREST ADMIN  
CPR. CONTINUE LIFE SUPPORTING MEASURES UNTIL MED ASSISTANCE HAS  
ARRIVED. REMOVE & WASH CONTAMD CLTHG. GET MED ATTN IF NECESSARY.  
DO NOT WEAR SHOES OR CLTHG UNTIL ABSOLUTELY FREE OF ALL CHEM ODORS.  
EYE PROT: & FULL LENGTH FACESHIELD .

## Chemical Properties

Boiling Pt:B.P. Text:192F,89C

Melt/Freeze Pt:M.P/F.P Text:19.4F,-7.0C

Vapor Pres:54 @ 20C

Spec Gravity:0.726

Solubility in Water:SLIGHTLY SOLUBLE

Appearance and Odor:COLORLESS LIQUID; AMMONIA LIKE ODOR.

## Stability

Stability Indicator/Materials to Avoid: YES  
FLAMMABLE. CORROSIVE. INCOMPATIBLE WITH STRONG ACIDS. INCOMPATIBLE WITH STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products: DECOMPOSITION LIBERATES TOXIC FUMES.

## Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS . BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

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