

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-712/7128-91-8.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

7128-91-8

### Code:

M

### RTECS:

### Code:

X

### Name:

N,N-DIMETHYL-1-HEXADECANAMINE-N-OXIDE \*93-3\*

### Other REC Limits:

N/K

### OSHA PEL:

N/K

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

N/K

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NIOSH APPROVED RESPIRATOR, IF EXPOSURE EXCEEDS OCCUPATIONAL LIMITS.

### Ventilation:

LOCAL EXHAUST: ADEQUATE MECHANICAL: OPTIONAL

### Protective Gloves:

CHEMICAL RESISTANT

### Eye Protection:

CHEMICAL SAFETY GLASSES

### Other Protective Equipment:

Equipment IMPERVIOUS CLOTHING

### Work Hygienic Practices:

N/K

### Supplemental Safety and Health:

LD50 INFORMATION IS FOR THE INGREDIENT 2-BUTOXY ETHANOL.

## Health Hazards Data

### LD50LC50Mixture:

ORAL LD50 (RAT): 148 MG/KG SEE SUPP

### Route Of Entry Inds - Inhalation:

YES

### Skin:

NO

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

INHALATION: THROAT IRRITATION. SKIN: IRRITATION & DEFATTING.

### Explanation Of Carcinogenicity:

NONE

### Signs And Symptoms Of Overexposure:

INHALATION: DIZZINESS, DROWSINESS.

### Medical Cond Aggravated By Exposure:

SKIN OR EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

### First Aid:

EYES: FLUSH W/PLENTY OF WATER FOR 15 MINUTES. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH W/WATER, FOLLOWED W/SOAP & WATER. LAUNDER CLOTHING BEFORE REUSE. INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. INGESTION: GET MEDICAL ATTENTION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

### Spill Release Procedures:

REMOVE ALL SOURCES OF IGNITION & VENTILATE AREA. SOAK UP SPILL W/INERT ABSORBENT & PLACE INTO A DESIGNATED DISPOSAL CONTAINER. CONSULT LOCAL REGULATORY AGENCY FOR PROPER DISPOSITION OF MATERIAL.

### Neutralizing Agent:

N/K

### Waste Disposal Methods:

DON'T PUNCTURE OR INCINERATE CONTAINERS. WHEN CONCENTRATES ARE DEPLETED CONTINUE TO DEPRESSURE UNTIL ALL GAS IS EXPELLED. DISPOSE OF CONTAINER IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

### Handling And Storage Precautions:

AVOID BREATHING VAPORS. KEEP AWAY FROM IGNITION SOURCES. USE W/ADEQUATE VENTILATION. DON'T PUNCTURE OR INCINERATE CONTAINERS.

### Other Precautions:

PLEASE READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. AVOID STORING IN DIRECT SUNLIGHT, TEMPERATURES >130F, & OTHER IGNITION SOURCES. STORE AS LEVEL 1 AEROSOL.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

### Flash Point Text:

NONFLAMMABLE

### Autoignition Temp:

N/A

### Autoignition Temp Text:

N/A

### Lower Limits:

1.8% (PROP)

### Upper Limits:

9.2% (PROP) 3

### Extinguishing Media:

CO<sub>2</sub>, FOAM & DRY CHEMICAL

### Fire Fighting Procedures:

CONTAINERS SHOULD BE COOLED W/WATER TO PREVENT VAPOR PRESSURE BUILD UP. USE EQUIPMENT/SHIELDING, TO PROTECT PERSONNEL FROM BURSTING/RUPTURING/VENTING CONTAINER.

### Unusual Fire/Explosion Hazard:

ELEVATED TEMPERATURES (>54C-130F) MAY CAUSE CONTAINERS TO BURST. DROPPING CONTAINERS MAY CAUSE BURSTING.

## Physical/Chemical Properties

### HCC:

### NRC/State IC No:

### Net Prop WT For Ammo:

N/P

### Boiling Point:

### B.P. Text:

Melt/Freeze Pt:

### Decomp Temp:

N/K

### Decomp Text:

N/K

### Vapor Pres:

115 PSIG

### Vapor Density:

>1

### Volatile Org Content %:

N/A

### Spec Gravity:

<1.0

### PH:

N/K

### VOC Grams/Liter:

N/A

### Viscosity:

N/P

### Evaporation Rate & Reference:

N/A

### Solubility in Water:

MODERATE 4

### Appearance and Odor:

FOAMING SPRAY W/FLORAL AMMONIA ODOR.

### Percent Volatiles by Volume:

N/K

### Corrosion Rate:

N/K

## Reactivity Data

### Stability Indicator:

YES

### Stability Condition To Avoid:

IGNITION SOURCES, TEMPERATURE >130F, DIRECT SUNLIGHT

### Materials To Avoid:

STRONG OXIDIZERS, IGNITION SOURCES.

### Hazardous Decomposition Products:

CO, CO<sub>2</sub>, TOXIC CHEMICALS

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

N/K

## Toxicological Information

### Information:

N/P

## MSDS Transport Information

### Information:

N/P

## Regulatory Information

### Sara Title III Information:

N/P

### Federal Regulatory Information:

N/P

### State Regulatory Information:

N/P

### Other Information:

N/P

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