

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-103/103-83-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

103-83-3

**Code:**

M

**RTECS:**

DP4500000

**Code:**

M

**Name:**

BENZYL DIMETHYLAMINE \*95-2\*

**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:**

WHEN SPRAYING/APPLYING IN ANY CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE LEVEL OF HAZARDOUS INGREDIENTS IN EXCESS OF TLV, USE AN ORGANIC VAPOR CARTRIDGE/AIR SUPPLIED RESPIRATOR.

**Ventilation:**

GENERAL VENTILATION TO MAINTAIN VAPORS BELOW TLV & PEL.

**Protective Gloves:**

SOLVENT RESISTANT

**Eye Protection:**

GOGGLES/FULL-FACE SHIELD

**Other Protective Equipment:**

Equipment PROTECTIVE CLOTHING, SAFETY SHOWER, EYE BATH & WASHING FACILITIES 4

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

FIRE HAZ CONT'D: VAPORS MAY TRAVEL LONG DISTANCES, FLASHBACK/FLAME TO THE HANDLING SITE MAY OCCUR.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

POLYAMIDE-VAPORS CAUSE IRRITATION OF THE EYES & RESPIRATORY TRACT. PROLONGED/REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION/OTHER ALLERGIC RESPONSE. BENZYL ALCOHOL-EYES: SEVERE IRRITANT. SKIN: IRRITANT, SENSITIZATION CAN OCCUR IN SOME INDIVIDUALS & CAN BE ABSORBED. INHALATION/INGESTION: ABSORPTION.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

POLYAMIDE: IRRITATION, NAUSEA, VOMITING. BENZYL ALCOHOL: IRRITATION, REDNESS, PAIN, CLOUDING OF THE CORNEA, NAUSEA, VOMITING, HEADACHE, DIZZINESS.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

EYES: FLUSH W/WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER. DON'T USE SOLVENTS. INHALATION: REMOVE TO FRESH AIR. GIVE CPR IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

PROTECT FROM IGNITION. WEAR AIR-SUPPLIED RESPIRATOR. COVER W/ABSORBENT, ADD DECOMPOSITION SOLUTION: 5% CONCENTRATED AMMONIA, 2% DETERGENT, 93% WATER. ALLOW TO REACT FOR 10 MINS. COLLECT IN CONTAINERS, ADD ADDITION SOLUTION & KEEP LOOSELY COVERED-48HR 3

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

WHEN DISPOSING, ENSURE THAT IT IS PACKAGED, STORED, TRANSPORTED/OTHERWISE MANAGED IAW/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM IGNITION SOURCES. DON'T STORE >120F. EMPTY DRUMS MAY CONTAIN EXPLOSIVE VAPORS.

**Other Precautions:**

DON'T CUT, PUNCTURE/WELD ON/NEAR DRUM. VAPORS OF THIS PRODUCT ARE >AIR & MAY COLLECT IN LOW/CONFINED AREAS. AVOID SKIN CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**

SCC

**Flash Point:**

31F

**Autoignition Temp:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

CO2, DRY CHEMICAL/FOAM

**Fire Fighting Procedures:**

WATER SPRAY MAY BE INEFFECTIVE. COOL FIRE EXPOSED CONTAINERS W/WATER. FOG NOZZLES ARE PREFERRED. WEAR NIOSH/MSHA APPROVED SCBA & PROTECTIVE CLOTHING.

**Unusual Fire/Explosion Hazard:**

VAPORS MAY ACCUMULATE IN INADEQUATELY VENTILATED/CONFINED AREAS/FORM EXPLOSIVE MIXTURES W/AIR. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. (SUPP)

## Physical/Chemical Properties

**HCC:****NRC/State IC No:****Net Prop WT For Ammo:**

N/K

**Boiling Point:**

175-292F

**Melt/Freeze Pt:**

N/K/F.P.

**Decomp Temp:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Sp. Grav./Specific Gravity:**

1.035

**VOC Pounds/Gallon:**

N/K

**PH:**

N/K

**Viscosity:**

N/A

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

N/K

**Appearance and Odor:**

CLEAR LIQUID W/SOLVENT ODOR

**Percent Volatiles by Volume:**

45.8

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

SPARKS, FLAME & OTHER IGNITION SOURCES.

**Materials To Avoid:**

ALCOHOLS & AMINES

**Hazardous Decomposition Products:**

CO2, OXIDES OF NITROGEN & HYDROGEN CYANIDE & ISOCYANATE MONOMER

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological Information

**Information:**

N/P

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

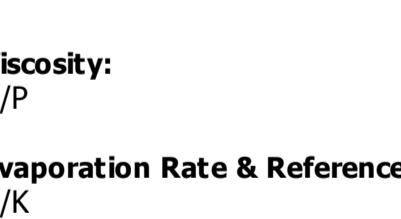
**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P



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