

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-806/8063-89-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

8063-89-6

**Code:**

M

**RTECS:****Code:**

X

**Name:**

MIXED DIOXABORINANES

**Other REC Limits:**

NONE SPECIFIED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

STANDARD DISPOSABLE TYPE RESPIRATOR FOR ORGANIC VAPORS.

**Ventilation:**

LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

**Protective Gloves:**

SOLVENT RESISTANT GLOVES.

**Eye Protection:**

CHEMICAL SPLASH GOGGLES/FACE SHIELD.

**Other Protective Equipment:**

Equipment PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

**Work Hygienic Practices:**

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**

NONE.

## Health Hazards Data

**LD50/LC50/Mixture:**

LD 50 ORAL RAT IS 3.16 ML/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE: IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: TRANSIENT CONJUNCTIVAL BLISTERING, CORNEAL OPACITY. ERYTHEMA, ATONIA, DESQUAMATION, CORACEOUSNESS, FISSURING AND EDEMA. CENTRAL NERVOUS SYS TEM EFFECTS.

**Explanation Of Carcinogenicity:**

NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

**Signs And Symptoms Of Overexposure:**

EYES: IRRITATION. SKIN: ERYTHEMA. INHALATION: DIZZINESS, NAUSEA. INGESTION: NAUSEA, VOMITING.

**Medical Cond Aggravated By Exposure:**

INDIVIDUALS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

**First Aid:**

EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH MILD SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. INHALATION:REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR. INGESTION:DO NOT INDUCE VOMITING.DRINK 2-3 GLASSES OF WATER OR MILK.SEE DOCTOR IMMEDIATELY.

**Spill Release Procedures:**

REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND EQUIPMENT.ABSORB IN INERT MATERIAL AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

**Neutralizing Agent:**

NOT APPLICABLE

**Waste Disposal Methods:**

CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

**Other Precautions:**

AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

## Fire and Explosion Hazard Information

**Flash Point Method:**

TCC

**Flash Point:**

102F,39C

**Autoignition Temp:**

N/K

**Autoignition Temp Text:**

UNKNOWN

**Lower Limits:**

UNKNOWN

**Upper Limits:**

UNKNOWN

**Extinguishing Media:**

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

**Fire Fighting Procedures:**

4 WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

**Unusual Fire/Explosion Hazard:**

COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

## Physical/Chemical Properties

**HCC:**

F4

**NRC/State Lic No:**

N/R

**Net Prop WT For Ammo:**

5

**Boiling Point:**

UNKNOWN

**B.P. Text:**

UNKNOWN

**Melt/Freeze Pt:**

UNKNOWN

**M.P/F.P Text:**

UNKNOWN

**Decomp Temp:**

UNKNOWN

**Decomp Text:**

UNKNOWN

**Vapor Pres:**

UNKNOWN

**Vapor Density:**

UNKNOWN

**Spec Gravity:**

1.05

**VOC Pounds/Gallon:**

UNKNOWN

**PH:**

N/K

**VOC Grams/Liter:**

UNKNOWN

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

UNKNOWN

**Solubility in Water:**

NONE. HYDROLYZES.

**Appearance and Odor:**

ACUTE: IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: TRANSIENT CONJUNCTIVAL BLISTERING, CORNEAL OPACITY.

ERYTHEMA, ATONIA, DESQUAMATION, CORACEOUSNESS, FISSURING AND EDEMA. CENTRAL NERVOUS SYS TEM EFFECTS.

**Percent Volatiles by Volume:**

UNKNOWN

**Corrosion Rate:**

UNKNOWN

**Reactivity Data:**

UNKNOWN

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HUMIDITY, HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

**Materials To Avoid:**

WATER, STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**

CARBON MONOXIDE, CARBON DIOXIDE, INCOMPLETELY BURNED CARBON PRODUCTS.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

NOT APPLICABLE

## 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

**Other Information:**

N/P

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