

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-103/103628-48-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
103628-48-4

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
3-(2-(DIMETHYLAMINO)ETHYL)-N-METHYL-1H-INDOLE-5-M

**Other REC Limits:**  
15MG/M3

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M N/P

**ACGIHSTEL:**  
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**  
1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**  
WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.

**Ventilation:**  
USE LOCAL EXHAUST.

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
DUST-PRROF GOGGLES.

**Other Protective Equipment:**  
Equipment PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

**Work Hygienic Practices:**  
USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

**Supplemental Safety and Health:**  
TIR REPORTS THAT THIS ITEM IS CONTAINED IN A SYRINGE AT 6MG/0.5ML AND THAT THE SYRINGE CONTAINS 1 ML.WORKERS EXPOSED TO DUST SHOULD CHANGE CLOTHES AND SHOWER.

## Health Hazards Data

**LD50LC50Mixture:**  
LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
INTRAVENOUS/INHAL/INGEST:MAY CAUSE ELEVATED SYSTOLIC BLOOD PRESSURE.

**Explanation Of Carcinogenicity:**  
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

**Signs And Symptoms Of Overexposure:**  
INTRAVENOUS/INGEST/INHAL:MAY CAUSE CHEST PAIN(ANGINA),TREMOR,LACK OF COORDINATION,DILATION OF PUPILS AND BLOOD VESSELS,SALIVATION,INCREASED HEART AND BREATHING RATES.

**Medical Cond Aggravated By Exposure:**  
PERSONS WITH PRE-EXISTING HEART AILMENTS(HIGH BLOOD PRESSURE,CORONARY DISEASE) MAY BE AT INCREASED RISK FROM EXPOSURE.

**First Aid:**  
SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,RINSE MOUTH WITH WATER.

**Spill Release Procedures:**  
USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.SWEEP OR VACUUM WITH A HEPA VACUUM.DO NOT STIR UP DUST.PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.CLEAN SPILL AREA.

**Neutralizing Agent:**  
NONE

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.MFR SUGGESTS INCINERATION.

**Handling And Storage Precautions:**  
STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID CREATING DUST.

**Other Precautions:**  
FOLLOW LABEL DIRECTIONS.AVOID BREATHING DUST.AVOID SKIN AND EYE CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER SPRAY,MULTI-PURPOSE DRY CHEMICAL.

**Fire Fighting Procedures:**  
USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
THE FINELY DISPURSED DUST FROM THIS PRODUCT IS A FIRE OR EXPLOSION HAZARD IN THE PRESENCE OF SOURCES OF IGNITION.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
329F,165C

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN 3

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
N/R

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/R

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
APPRECIABLE

**Appearance and Odor:**  
POWDER;WHITE TO OFF-WHITE.ODOR NOT REPORTED.TIR REPORTS ITEM IS IN A SYRINGE.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT;DECOMPOSES ENDOTHERMICALLY(TAKES IN HEAT).

**Materials To Avoid:**  
MANUFACTURER STATES NONE KNOWN.

**Hazardous Decomposition Products:**  
CORROSIVE OXIDES OF NITROGEN AND SULFUR.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/R

## 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