

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-121/121-54-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
121-54-0  
**Code:**  
M

**RTECS:**  
BO7175000  
**Code:**  
T

**Name:**  
BENZYLDIMETHYL.(2-.(2-.(P-(1,1,3,3-TETRAMETHYL

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**  
N/P  
**Code:**

**ACGIH TLV:**  
N/P  
**Code:**

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
WEAR NIOSH APPROVED RESPIRATOR IF REQUIRED

**Ventilation:**  
LOCAL EXHAUST: IN OPEN AREAS. MECHANICAL (GENERAL): IN CONFINED AREAS.

**Protective Gloves:**  
IMPERVIOUS GLOVES

**Eye Protection:**  
GOGGLES

**Other Protective Equipment:**  
Equipment BARRIER CREAMS, ARPONS, OVERALLS TO AVOID CONTACT

**Work Hygienic Practices:**  
OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE - NO EATING, SMOKING OR DRINKING.

**Supplemental Safety and Health:**  
NO DATA PROVIDED BY MANUFACTURER

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL, LD50= > 800 MG/KG

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
2 PROLONGED CONTACT OF PRODUCT WITH SKIN MAY CAUSE IRRITATION, POSSIBLE ALLERGIC REACTION.

**Explanation Of Carcinogenicity:**  
NTP: NONE. IARC: NONE. OSHA: NONE.

**Signs And Symptions Of Overexposure:**  
REPEATED CONTACT WITH SKIN MAY CAUSE DRYING OF SKIN WITH MODERATE IRRITATION. SOME ALLERGIC PROPERTIES EXPERIENCED.

**Medical Cond Aggravated By Exposure:**  
PRE-EXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO PRODUCT.

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INGESTION: DRINK PLENTY OF WATER, CALL PHYSICIAN.

**Spill Release Procedures:**  
SOAK UP MATERIAL WITH ABSORBENT MATERIALS AND PLACE IN TIGHT CONTAINER.

**Neutralizing Agent:**  
NO DATA PROVIDED BY MANUFACTURER

**Waste Disposal Methods:**  
PLACE IN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

**Handling And Storage Precautions:**  
STORE IN CLOSED CONTAINERS AWAY FROM HEAT.

**Other Precautions:**  
NONE

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**  
>101.1C, 214.F

**Flash Point Text:**

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/P

**Lower Limits:**  
NA

**Upper Limits:**  
NA

**Extinguishing Media:**  
DRY POWDER, FOAM, CARBON DIOXIDE

**Fire Fighting Procedures:**  
FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS

**Unusual Fire/Explosion Hazard:**  
DECOMPOSITION PRODUCTS MAY BE TOXIC 3

## Physical/Chemical Properties

**HCC:**  
N1

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

**Net Prop WT For Ammo:**

**Boiling Point:**  
=100.C, 212.F

**B.P. Text:**

**Melt /Freeze Pt:**  
=.3C, 32.5F

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

**Decomp Temp:**

**Decomp Text:**  
N/P

**Vapor Pres:**  
NA

**Vapor Density:**  
NA

**Volatile Org Content %:**

**Spec Gravity:**  
1.052 (H2O=1)

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
1.2 (WATER=1)

**Solubility in Water:**  
INFINITE (COMPLETELY MISC

**Appearance and Odor:**  
BLUISH TRANSPARENT LIQUID - SLIGHTLY PUNGENT ODOR

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
METAL NITRATES

**Materials To Avoid:**  
METALLIC SURFACES FOR PROLONGED TIME PERIODS (PH 5) 4

**Hazardous Decomposition Products:**  
NO DATA PROVIDED BY MANUFACTURER

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT OCCUR

## 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