

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-78/78-66-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

78-66-0

**Code:**

M

**RTECS:**

RI2650000

**Code:**

M

**Name:**

3,6-DIMETHYL-4-OCTYNE-3,6-DIOL

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

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

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NOT REQUIRED

**Ventilation:**

LOCAL SYSTEM NOT NORMALLY REQUIRED.

**Protective Gloves:**

RECOMMENDED FOR SENSITIVE INDIVIDUALS

**Eye Protection:**

SAFETY GLASSES WHEN MIXING POWDER

**Other Protective Equipment:**

Equipment N/K

**Work Hygienic Practices:**

WASH HANDS AFTER HANDLING

**Supplemental Safety and Health:**

N/P

## Health Hazards Data

**LD50/LC50/Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYE: IRRITATION. SKIN: IRRITATION IN SENSITIZED INDIVIDUALS. POSSIBLE IRRITATION OF RESPIRATORY SYSTEM IF INHALED.

INGESTION OF LARGE AMOUNTS COULD RESULT IN DIGESTIVE SYSTEM BURNS; BAD TASTE EXPECTED. NO LISTED CHRONIC EFFECTS.

**Explanation Of Carcinogenicity:**

N/P

**Signs And Symptoms Of Overexposure:**

IRRITATION OF EYES, SKIN, DIGESTIVE SYSTEM

**Medical Cond Aggravated By Exposure:**

5 N/K

**First Aid:**

WASH AFFECTED AREAS WITH COPIOUS AMOUNTS OF WATER. SEE A DOCTOR FOR EXPOSURE CASES, ESPECIALLY THOSE WHICH INVOLVE INHALATION AND INGESTION.

**Spill Release Procedures:**

VACUUM SPILLED POWDER. MOP OR FLUSH SPILLED LIQUID.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

MAY BE FLUSHED DOWN THE DRAIN IF PERMITTED BY LOCAL REGULATIONS. BIODEGRADABLE BELOW 10PPM CONCENTRATION. LARGE POWDER QUANTITIES SHOULD BE DISPOSED OF BY QUALIFIED PERSONNEL

**Handling And Storage Precautions:**

AVOID BREAKAGE OF PACKAGES. AVOID BREATHING OF DUST OR ANY EYE CONTACT WITH MATERIAL.

**Other Precautions:**

WASH HANDS AFTER USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

N/R

**Autoignition Temp:****Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

WATER

**Fire Fighting Procedures:**

6 IF THIS MATERIAL BECOMES INVOLVED IN A FIRE, USE SELF-CONTAINED BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

N/K

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:****Net Prop WT For Ammunition:**

N/R

**Boiling Point:****B.P. Text:**

N/K

**Melt/Freeze Pt:****M.P/ F.P Text:**

<482F <250C 7

**Decomp Temp:****Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:****Spec Gravity:**

N/K

**VOC Pounds/Gallon:****PH:**

6.8

**VOC Grams/Liter:****Viscosity:**

N/P

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

MODERATE

**Appearance and Odor:**

OFF-WHITE POWDER; SOLUTION AS MIXED WITH WATER IS CLEAR, PALE YELLOW

**Percent Volatiles by Volume:**

<1

**Corrosion Rate:**

N/K

## Reactivity Data

**Reactivity Indicator:**

YES

**Stability Condition To Avoid:**

N/K

**Materials To Avoid:**

STRONG OXIDIZING AGENTS

**Hazardous Decomposition Products:**

OXIDES OF CARBON AND NITROGEN

**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

**Other Information:**

N/P



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