

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-206/20667-12-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

20667-12-3

**Code:**

M

**RTECS:**

VW4900000

**Code:**

M

**Name:**

SILVER OXIDE (AS NUISANCE DUST)

**Other REC Limits:**

N/R

**OSHA PEL:**

15 MG/M3 TOTAL DUST

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

10 MG/M3 TDUST; 8990

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV,OR SBA IN AN ENCLOSED AREA.

**Ventilation:**

LOCAL/GENERAL TO MAINTAIN PEL/TLV.

**Protective Gloves:**

IMPERVIOUS.

**Eye Protection:**

SAFETY GOGGLES.

**Other Protective Equipment:**

Equipment PROTECTIVE CLOTHING,EYE-WASH FACILITIES.

**Work Hygienic Practices:**

AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE FUMES;WASH THOROUGHLY AFTER EACH USE;DO NOT TAKE INTERNALLY.

**Supplemental Safety and Health:**

4 N/P

## Health Hazards Data

**LD50LC50Mixture:**

ORAL RAT LD50:2820 MG/KG

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

2 ACUTE:IRRITATING TO EYES,SKIN,MUCOUS MEMBRANES,RESPIRATORY AND G.I. TRACT,SORE THROAT,COUGHING,DIFFICULTY IN BREATHING,REDNESS OR PAIN OF EYES AND SKIN. CHRONIC:DERMATITIS,CONJUNCTIVITIS,GENEALIZED ARGYRIA.

**Explanation Of Carcinogenicity:**

NO DATA PER MSDS.

**Signs And Symptoms Of Overexposure:**

SEE HEALTH HAZARDS DATA.

**Medical Cond Aggravated By Exposure:**

PRE-EXISTING CONDITIONS MAY BE WORSEN.

**First Aid:**

INHALATION:REMOVE TO FRESH AIR;SEEK MEDICAL HELP IF NEEDED. SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES;SEEK MEDICAL HELP IMMEDIATELY. INGESTION:GET MEDICAL HELP IMMEDIATELY;GIVE LARGE AMOUNT OF WATER IF CONSCIOUS.

**Spill Release Procedures:**

USE PROPER PERSONAL PROTECTION;DO NOT TOUCH WITH BARE HAND;SWEEP UP & VACUUM AND COLLECT FOR PROPER DISPOSAL;DO NOT TAKE INTERNALLY.

**Neutralizing Agent:**

N/R

**Waste Disposal Methods:**

DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN COOL AND DRY AREA;KEEP AWAY FROM COMBUSTIBLES.

**Other Precautions:**

N/P

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P 3

**Flash Point:**

**Flash Point Text:**

NONE

**Autoignition Temp:**

**Autoignition Temp Text:**

N/R

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

USE SUITABLE MEDIA FOR CO<sub>2</sub>,HALON OR WATER SPRAY FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**

USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

**Unusual Fire/Explosion Hazard:**

NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

**B.P. Text:**

DECOMPOSES

DECOMPOSES

**Melt/Freeze Pt:**

YES

**Decomp Temp:**

NO

**Decomp Temp:**

NO

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/K

**Spec Gravity:**

>0.2

**VOC Pounds/Gallon:**

N/K

**PH:**

N/P

**VOC Grams/Liter:**

N/K

**Viscosity:**

N/K

**Evaporation Rate & Reference:**

N/K

**Solubility in Water:**

VERY SLIGHTLY

**Appearance and Odor:**

2 ACUTE:IRRITATING TO EYES,SKIN,MUCOUS MEMBRANES,RESPIRATORY AND G.I. TRACT,SORE THROAT,COUGHING,DIFFICULTY IN BREATHING,REDNESS OR PAIN OF EYES AND SKIN. CHRONIC:DERMATITIS,CONJUNCTIVITIS,GENEALIZED ARGYRIA.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/P

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

MAY DECOMPOSE ON EXPOSURE TO LIGHT.

**Materials To Avoid:**

AMMONIA,HALOGEN,PHOSPHORUS,POTASSIUM,SELENIUM.

**Hazardous Decomposition Products:**

SILVER OXIDE FUMES.

**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

**Information:**

N/P

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