

## **SILVER OXIDE;CAT NO. S184100**

### **MSDS Number**

BHBXK

### **National Stock Number**

6810-00-300-0564

### **Product Name**

SILVER OXIDE;CAT NO. S184100

### **Manufacturer**

FISHER SCIENTIFIC CHEMICAL DIV

### **Product Identification**

Product ID:SILVER OXIDE;CAT NO. S184100

MSDS Date:01/03/1989

FSC:6810

NIIN:00-300-0564

MSDS Number: BHBXK

### **Responsible Party**

FISHER SCIENTIFIC CHEMICAL DIVISION

1-REAGENT LANE

FAIR LAWN , NJ 07410

US

Emergency Phone: 201-796-7100

Info Phone: 201-796-7100/7523

Cage: 1B464

### **Contractor**

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

### **Ingredients**

SILVER OXIDE (AS NUISANCE DUST)

CAS: 20667-12-3

RTECS: VW4900000

Fraction By Weight: 100.0%

OSHA PEL15 MG/M3 TOTAL DUST

ACGIH TLV: 10 MG/M3 TDUST; 8990

### **Hazards**

LD50 LC50 Mixture:ORAL RAT LD50:2820MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic: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 AR GYRIA.

Explanation of Carcinogenicity:NO DATA PER MSDS

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR;SEEK MEDICAL HELP IF NEEDED. SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL HELP IMMEDIATELY. INGESTION:GET MEDICAL HELP IMMEDIATELY;GIVE LARGE AMOUNT OF WATER IF CONSCIOUS.

## Fire Fighting

Flash Point:NONE  
Extinguishing Media:USE SUITABLE MEDIA FOR CO\*2,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.

## Accidental Release

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.

## Handling

Handling and Storage Precautions:STORE IN COOL AND DRY AREA;KEEP AWAY FROM COMBUSTIBLES.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV,OR SCBA IN AN ENCLOSED AREA.  
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.  
Protective Gloves:IMPERVIOUS.  
Eye Protection:SAFETY GOGGLES.  
Other Protective 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

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:DECOMPOSES  
Melt/Freeze Pt:M.P/F.P Text:392F/200C  
Spec Gravity:>0.2  
Solubility in Water:VERY SLIGHTLY  
Appearance and Odor:ODORLESS,BROWNISH-BLACK,HEAVY POWDER OR CUBIC CRYSTALS WITH A METALLIC TASTE.

## Stability

Stability Indicator/Materials to Avoid:YES  
AMMONIA,HALOGEN,PHOSPHORUS,POTASSIUM,SELENIUM.  
Stability Condition to Avoid:MAY DECOMPOSE ON EXPOSURE TO LIGHT  
Hazardous Decomposition Products:SILVER OXIDE FUMES.

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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