

SILVER OXIDE;CAT NO. S184100

MSDS Number

BHBXL

National Stock Number

6810-00-458-7935

Product Name

SILVER OXIDE;CAT NO. S184100

Manufacturer

FISCHER SCIENTIFIC CHEMICAL DIV

Product Identification

Product ID:SILVER OXIDE;CAT NO. S184100

MSDS Date:01/03/1989

FSC:6810

NIIN:00-458-7935

MSDS Number: BHBXL

Responsible Party

FISCHER SCIENTIFIC,CHEMICAL DIVISION

1-REAGENT LANE

FAIR LAWN , NJ 07410

US

Emergency Phone: 201-796-7100

Info Phone: 201-796-7100/7523

Cage: 80015

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 LD50:2820 MG/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 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 SBA 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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