

## **SILVER (I) OXIDE**

### **MSDS Number**

BLBWQ

### **National Stock Number**

6810-00N016875

### **Product Name**

SILVER (I) OXIDE

### **Manufacturer**

JOHNSON MATTHEY AESAR GROUP

### **Product Identification**

Product ID:SILVER (I) OXIDE

MSDS Date:01/10/1989

FSC:6810

NIIN:00N016875

MSDS Number: BLBWQ

### **Responsible Party**

JOHNSON MATTHEY AESAR GROUP

892 LAFAYETTE RD

SEABROOK , NH 03874

US

Emergency Phone: 800-562-8236;800-424-9300(CHEMTREC)

Info Phone: 603-474-5511

Cage: 1AH72

### **Contractor**

JOHNSON MATTHEY AESAR GROUP

SEABROOK, NH 03874

US

603-474-5511

Cage: 1AH72

### **Ingredients**

SILVER (1+) OXIDE

CAS: 20667-12-3

RTECS: VW4900000

Fraction By Weight: 100%

### **Hazards**

LD50 LC50 Mixture:ORAL (RAT): 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:CORROSIVE TO THE EYE; A POSITIVE IRRIT  
EVEN AFTER RINSING THE EYE FOLLOWING 30 SECONDS CONTACT.

NON-IRRITANT TO THE SKIN. AS WITH OTHER SILVER COMPOUNDS,  
ABSORPTION OVER A LONG PERIOD MAY CAUSE ARGYR IA (PERMANENT  
BLUE-GREY DISCOLORATIONS OF SKIN, MUCOUS MEMBRANES AND EYES).

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

### **First Aid**

First Aid:SKIN: WASH OFF WITH WATER. EYES: IRRIGATE THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. INGEST: SEEK MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O<sub>2</sub>/ARTF RESP) .

## Fire Fighting

Extinguishing Media:WATER, CO(2), FOAM, OR DRY CHEMICAL.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:MAY ENHANCE THE BURNING OF COMBUSTIBLE SUBSTANCES.

## Accidental Release

Spill Release Procedures:SWEEP UP AND TRANSFER TO A SEALED CONTAINER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:AVOID CONTACT WITH SKIN AND EYES. AVOID INHALATION. STORE IN A COOL, DRY PLACE, AWAY FROM ACID OR AMMONIA FUMES.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESP APPROPRIATE FOR EXPOS OF CONCERN .  
Ventilation:LOCAL EXHAUST; FUME HOOD.  
Protective Gloves:RUBBER GLOVES.  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:AS NEEDED TO PREVENT CONTACT.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

HCC:T6  
Melt/Freeze Pt:M.P/F.P Text:230, DECOMP  
Spec Gravity:7.143 (H<sub>2</sub>O=1)  
Solubility in Water:INSOLUBLE  
Appearance and Odor:BROWN-BLACK POWDER.

## Stability

Stability Indicator/Materials to Avoid:YES  
MAY FORM EXPLOSIVE COMPOUNDS IN THE PRESENCE OF AMMONIA AND HYDRAZINE.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE KNOWN

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS .

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