

## **MAGNESIUM OXIDE, TECHNICAL**

### **MSDS Number**

BCYQZ

### **National Stock Number**

6810-00-104-1893

### **Product Name**

MAGNESIUM OXIDE, TECHNICAL

### **Manufacturer**

FISHER SCIENTIFIC CO

### **Product Identification**

Product ID:MAGNESIUM OXIDE, TECHNICAL

MSDS Date:01/01/1987

FSC:6810

NIIN:00-104-1893

MSDS Number: BCYQZ

### **Responsible Party**

FISHER SCIENTIFIC CO

Emergency Phone: 201-796-7100

Cage: 1B464

### **Contractor**

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

### **Ingredients**

MAGNESIUM OXIDE

CAS: 1309-48-4

RTECS: OM3850000

Fraction By Weight: >96%

OSHA PEL15 MG/M3 PARTICULATE

ACGIH TLV: 10 MG/M3;TDUST; 9293

### **Hazards**

Effects of Overexposure:EYE:IRRT.SKN:POSS DEHYDRATE. INHL:IF FUMES,METAL FUME FEVER POSS.INGEST:GI DIARR,CNS DEPRESS-SEESUPP

### **First Aid**

First Aid:EYE:FLUSH W/COPIUS WATER 15 MIN.SKN:WASH SOAP & WATER. INHL:REMOVE TO FRESH AIR. FUMES: GIVE ART RESP. CALL PHYSICIAN ALL CASES IF IRRT OR SYMPTOMS PERSIST. INGEST: CALL PHYSICIAN IMMEDIATE IF MASSIVE INGEST SUSPECTED.

### **Accidental Release**

Spill Release Procedures:COLLECT AND STORE IN CLOSED CONTAINER. AVOID DUST INHL.

### **Handling**

Handling and Storage Precautions:USE W/ADEQUATE VENTILATION.AVOID

FREQ/PROLONGED INHL OR CONTACT W/DUST.

## Exposure Controls

Respiratory Protection:USE NIOSH/MESA DUST RESPIRATOR AS CONDITIONS WARRANT  
Ventilation:NONE STATED BY MFR  
Protective Gloves:NEOPRENE,IMPERV  
Eye Protection:CHEM GOGGLES  
Other Protective Equipment:NONE REQ'D BY MFR  
Supplemental Safety and Health  
ENTRY PER MSDS(NOT OSHA) DTD 3JULY80. TLV=10 MG/CUM ACGIH NUISANCE PARTICULATE. AS MGO FUMES TLV=10 MG/CUM ACGIH AND 15 MG/CUM OSHA CEILING.EFFECTS:LOST MUSCLE REFLEX, RESP FAILURE.

## Chemical Properties

HCC:N1  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:=3600.C, 6512.F  
Spec Gravity:3.6  
Solubility in Water:INSOL  
Appearance and Odor:FINE WHITE POWDER

## Stability

Stability Indicator/Materials to Avoid:YES  
VIOLENT REACT W/PCL\*5 AND CLF\*3  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:NONE STATED BY MFR

## Disposal

Waste Disposal Methods:BURY IN APPROVED LANDFILL IAW LOCAL, STATE, FED REGS.

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