

## **COBALT OXIDE, 5583**

### **MSDS Number**

BMRXX

### **National Stock Number**

6810-00N027506

### **Product Name**

COBALT OXIDE, 5583

### **Manufacturer**

J T BAKER COMPANY

### **Product Identification**

Product ID: COBALT OXIDE, 5583

MSDS Date: 09/14/1989

FSC: 6810

NIIN: 00N027506

MSDS Number: BMRXX

### **Responsible Party**

J.T. BAKER COMPANY

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 201-859-2151

Info Phone: 201-859-2151

Cage: 70829

### **Contractor**

MALLINCKRODT BAKER, INC.

PHILLIPSBURG, NJ 08865

US

800-582-2537

Cage: 70829

### **Ingredients**

COBALT (2+) OXIDE; (COBALT OXIDE)

CAS: 1307-96-6

RTECS: GG2800000

Fraction By Weight: 90-100%

OSHA PEL 0.05 MG/M3 (AS CO)

ACGIH TLV: 0.05 MG/M3 (AS CO)

### **Hazards**

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation: YES Skin: NO Ingestion: YES

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

Health Hazards Acute and Chronic: INHAL: IRRIT OF UPPER RESP TRACT.

SKIN: PROLONGED CONTACT MAY CAUSE SKIN SENSITIZATION. EYES:

IRRITATION. SKIN ABSORP: NONE IDENTIFIED. INGEST: HEADACHE, NAUSEA,

VOMITING, DIZZINESS, GASTROINTESTINAL IRRITATION. CHRONIC: NONE

IDENTIFIED. TARGET ORGANS: RESPIRATORY SYSTEM, SKIN, EYES.

Explanation of Carcinogenicity: COBALT OXIDE (COBALT COMPOUNDS) IARC

GROUP 2B.  
Effects of Overexposure:SEE HEALTH HAZARDS.  
Medical Cond Aggravated by Exposure:NONE IDENTIFIED.

## First Aid

First Aid:INGEST: IF CONSCIOUS, IMMEDIATELY INDUCE VOMITING. INHAL: IF PERSON BREATHES IN LARGE AMOUNTS, REMOVE TO FRESH AIR. SKIN: IMMEDIATELY WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

## Fire Fighting

Flash Point Method:CC  
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA AND FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

## Accidental Release

Spill Release Procedures:WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CONTAINER LIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.  
Other Precautions:AVOID CONTACT WITH EYES, SKIN, CLOTHING.

## Exposure Controls

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH/MSHA APPROVED SCBA IS ADVISED.  
Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:CHEMICAL WORKERS GOGGLES .  
Other Protective Equipment:LAB COAT.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

## Chemical Properties

HCC:N1  
Melt/Freeze Pt:M.P/F.P Text:3515F,1935C  
Spec Gravity:6.11  
Solubility in Water:NEGLIGIBLE (Appearance and Odor:GREEN, RED, GRAY, OR BLACK POWDER. ODORLESS  
Percent Volatiles by Volume:0

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:NONE DOCUMENTED.  
Hazardous Decomposition Products:NONE IDENTIFIED.

## Disposal

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

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.

