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MSDS

#CH313

CH313
Cobalt Carbonate

(Formula: CoCO_3)
(CAS Nbr 7542-09-8)

Section I: Manufacturer Information

Name: J.T. Baker Inc. Date Prepared: 4 January 1994
Address: 222 Red School Lane Last Revision: 4 January 1994
Phillipsburg, NJ Prepared By: J.T. Baker Inc.
Phone: 908.859.2151 (24 hours) or 800.424.9300 (Chemtrec)
Emergency: 800.424.8802 (National Response Center)

Section II: Composition & Ingredients

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% Weight</u>
Cobalt Carbonate				90-100

Other Information:

Section III: Physical Data

Boiling Point:	n/a	Vapor Pressure:	n/a
Melting Point:	n/a	Vapor Density:	n/a
Freezing Point:	n/a	Specific Gravity:	4.13 (H ₂ O=1)
Water solubility:	Negligible	Appearance & Odor:	Solid
pH (Acid/Alkali):	0.0	Red crystals or powder.	

Section IV: Fire & Explosion Hazard Data

Flash Point:	n/a	Extinguishing Media:	
Method Used:	n/a	Firefighting Procedure:	
UEL Flammable Limit:	n/a	Fire/Explosion Hazards:	None.
LEL Flammable Limit:	n/a		

Section V: Reactivity Data

Conditions to Avoid:	Air. (store in closed or sealed containers)	Stability:	Stable
Chemical Incompatibilities:		Hazard Polymerization:	Will not occur
Strong oxidizing agents:		Hazardous Decomposition:	n/a
		Hazardous Byproducts:	May produce carbon monoxide, carbon dioxide

Section VI: Health Hazard Data

Routes of Entry:		Signs & Symptoms of Exposure:	
Carcinogenicity:	No.	Acute &/or Chronic Health Hazards:	
NTP:	N		
IARC Monograph:	N		
OSHA Regulated:	N		

Section VI-A: Emergency & First Aid Procedures

Dust exposure:	Move to fresh air immediately. Get medical attention as needed.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes.
Skin Contact:	Flush skin with water.
Ingestion:	Immediately give large amounts of water & get medical attention.

Section VII: Precautions for Safe Handling

If Released or Spilled:	Wear suitable protective clothing. Carefully sweep up and remove.
Waste Disposal:	Consult local regulations, and dispose in accordance with all local, regional, state or federal regulations on cobalt.
Handling & Storage:	Keep container tightly closed in general chemical storage area.
Other Precautions:	Practice good housekeeping. Maintain proper containment or storage of material in sealed or closed containers.

Section VIII: Control Measures

Respiratory Protection:	Use approved NIOSH/NSHA respirator if dust is present.
Ventilation:	Local exhaust preferable. Use respirator or dust mask if airborne concentration is high.
Eye Protection:	Safety goggles.
Protective Gloves:	Gloves & lab coat or overalls.
Other PPE:	None required.
Work Practices:	Spills should be swept up or vacuumed up promptly.

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