

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-614/6147-53-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
6147-53-1  
**Code:**  
M

**RTECS:**  
AG3325000  
**Code:**  
M

**Name:**  
COBALT ACETATE;ACETIC ACID,COBALT(2+),TETRAHYDRAT

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.1MG/CUM(AS CO  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
SUPPLIED AIR RESPIR/SCBA; ESCAPE: GAS MASK

**Ventilation:**  
LOCAL EXHAUST TO MAINTN BELOW TLV.

**Protective Gloves:**  
IMPERVIOUS

**Eye Protection:**  
GOGGLES/FACE SHIELD

**Other Protective Equipment:**  
Equipment FULL PROTECTIVE CLOTHING,SAFETY SHOWER,EYE WASH STATION

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
UPDATE PER OSHA HCS MSDS DTD 13APR86.

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
INH:DUST MAY CAUSE RESP TRACT IRRIT;ING:MAY CAUSE ABDMNL PAIN,VOMIT ,RASH;SKIN/EYE:MAY IRRITATE/PAIN. 2

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
INHAL:RMV TO FRESH AIR.GIVE CPR/OXYGEN IF BREATHING IS DIFFICULT.GET MD;INGEST:IMMED INDUCE VOMIT BY GIVING 2 GL OF WATER.NOTHING BY MOUTH IF UNCONSCIOUS.GET MD IMMED;SKIN/EYES:FLUSH IMMED W/LG QTY H\* 20 FOR 15 MIN.RMV CONTMNTD CLOTHES.GET MED ATTN.

**Spill Release Procedures:**  
VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED PROTCTV CLOTHG/RESP PROTECTION FM DUST.PICK UP SPILL & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT DOES NOT GENERATE DUST(VA CUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST)

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
WHATEVER CANNOT BE SAVED FOR RECLAMATION MAY BE DISPOSD AS HAZ WASTE IN A RCRA APPRVD WASTE DISPOSAL FACILITY.COMPLY WITH LOCAL,STATE, & FEDERAL REGS.

**Handling And Storage Precautions:**  
KEEP IN TIGHTLY CLOSED CONTNRS AT COOL,DRY,VENTILATED PLACE.PROTECT AGAINST PHY DAMAGE.

**Other Precautions:**  
AVOID BREATHING DUST.USE W/ADEQUATE VENTILATION.KEEP CONTAINRS CLOSED.WASH THOROUGHLY AFTER HANDLING.AVOID SKIN,EYES & CLOTHING CONTACT.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NONE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
3 EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**  
WEAR SELF-CNTD BRTHG,APP H\* 20 SPRAY TO COOL CONTR.

**Unusual Fire/Explosion Hazard:**  
NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

## Physical/Chemical Properties

**HCC:**  
N1

**NRC/State LIC No:**

**Net Prop WT For Ammo:**  
4

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/A

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
1.71

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/R

**Solubility in Water:**  
SLIGHT

**Appearance and Odor:**  
RED CRYSTALS.ODORLESS

**Percent Volatiles by Volume:**  
N/R

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
NO INCOMPATIBILITY DATA FOUND

**Hazardous Decomposition Products:**  
EMITS ACRID SMOK/IRRITG FUMES WHEN HEATED TO DECOMPOSITION.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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WARRANTY  
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