

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-136/13600-98-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas: 13600-98-1
Code: M
RTECS:
Code: X
Name: SODIUM COBALTNITRITE
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
Code: M
OSHA STEL:
Code:
ACGIH TLV: NOT ESTABLISHED
Code: M
ACGIHSTEL: N/P
Code:

Control Measures

Respiratory Protection: IF THE TLV IS EXCEEDED, A DUST/MIST RESPIRATOR WITH CHEMICAL GOGGLES MAY BE WORN UP TO TEN TIMES THE TLV. CONSULT RESPIRATOR SUPPLIER FOR DETAILS. ALTERNATIVELY, A SUPPLIED AIR RESPIRATOR OR AIRLINED HOOD MAY BE WORN.
Ventilation: A SYSTEM OF LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPOSURE BELOW THE AIRBORNE EXPOSURE LIMIT.
Protective Gloves: WEAR PROTECTIVE GLOVES.
Eye Protection: USE CHEMICAL SAFETY GOGGLES.
Other Protective Equipment: Equipment WEAR CLEAN BODY-COVERING CLOTHING. MAINTAIN EYE WASH FOUNTAIN QUICK-DRENCH FACILITIES IN WORK AREA.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health: 4 NONE

Health Hazards Data

LD50LC50Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Health Hazards Acute And Chronic: INHALATION-MAY BE AN IRRITANT TO THE RESPIRATORY TRACT. INGESTION-ACUTE POISONING. SKIN CONTACT-MAY CAUSE IRRITATION. EYE CONTAT-AN EYE IRRITANT. CHRONIC: LONG TERM EXPOSURE TO COBALT IS ASSOCIATED WI TH CHRONIC RESPIRATORY DISEASE, REDUCEDTHYROID ACTIVITY, & IMPAIRED LIVER FNCTION. CONTACT MAY PRODUCE DERMATITIS.
Explanation Of Carcinogenicity: NOT LISTED AS A CARCINOGEN. 2
Signs And Symptions Of Overexposure: INGESTION-MAY RESULT IN NAUSEA, DIARRHEA, LOSS OF APPETITE, BLOODPRESSURE DROP, VOMITING, REDNESS OF THE FACE, AND RINGING IN THE EARS.
Medical Cond Aggravated By Exposure: NO INFORMATION FOUND.
First Aid: INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR. IF HARD TO BREATH, GIVE OXYGEN. CALL PHYSICIAN. INGESTION-INDUCE VOMITING IMMEDIATELY. BY GIVING 2 GLASSES OF WATER, OR MILK & STICK FINGER DOWN THROAT. CALL PHYSICIAN. SKIN-WASH EXPOSED AREA WITH SOAP & WATER. GET ADVICE IF IRRITATION DEVELOPS. EYE-WASH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN.
Spill Release Procedures: VENTILATE AREA OF LEAK OR SPILL. CLEAN-UP PERSONNEL MAY REQUIRE RESPIRATORY PROTECTION FROM DUST. SWEEP UP & CONTAINERIZE FOR RECLAMATION OR DISPOSAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DU ST DISPERSAL.
Neutralizing Agent: N/R
Waste Disposal Methods: WHAT EVER CANNOT BE SAVED FOR RECLAMATION MAY BE DELIVERED TO AN APPROVED WASTE DISPOSAL FACILITY. ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
Handling And Storage Precautions: KEEP IN TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA AWAY FROM HEAT, MOISTURE & INCOMPATIBLES. PROTECT AGAINST PHYSICAL DAMAGE.
Other Precautions: CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS MATERIAL.

Fire and Explosion Hazard Information

Flash Point Method: N/P
Flash Point:
Flash Point Text: NONE
Autoignition Temp:
Autoignition Temp Text: N/R 3
Lower Limits: N/R
Upper Limits: N/R
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, OR DRY POWDER.
Fire Fighting Procedures: IN THE EVENT OF A FIRE, WEAR FULL PROTECTIVE CLOTHING & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND.
Unusual Fire/Explosion Hazard: FINE DUST DISPERSED IN AIR IN SUFFICIENT CONCENTRATIONS, & IN THE PRESENCE OF AN IGNITION SOURCE IS A PONTENTIAL DUST EXPLOSION HAZARD.

Physical/Chemical Properties

HCC: N1
NRC/State LIC No: N/R
Net Prop WT For Ammo:
Boiling Point:
B.P. Text: N/R
Melt/Freeze Pt:
M.P/F.P Text: N/K
Decomp Temp:
Decomp Text: N/R
Vapor Pres: N/K
Vapor Density: N/K
Volatile Org Content %:
Spec Gravity: N/K
VOC Pounds/Gallon:
PH: N/R
VOC Grams/Liter:
Viscosity: N/R
Evaporation Rate & Reference: N/K
Solubility in Water: VERY SOLUBLE.
Appearance and Odor: FINE, YELLOW ORANGE POWDER; ODORLESS.
Percent Volatiles by Volume: N/R
Corrosion Rate: N/R

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: STABLE UNDER ORDINARY CONDITIONS OF USE STORAGE. THE AQUEOUS SOLUTION RAPIDLY DEGRADES.
Materials To Avoid: SUBSTANCE MAY REACT VIOLENTLY WITH SOME ORGANIC COMPOUNDS OR REDUCING AGENTS.
Hazardous Decomposition Products: WHEN HEATED TO DECOMPOSITION MAY EMIT TOXIC FUMES OF NITROGEN OXIDES.
Hazardous Polymerization Indicator: NO 5
Conditions To Avoid Polymerization: NOT APPLICABLE

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