

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 COBALT NITRITE

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

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

LD50/LC50/Mixture:

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 CONTACT-AN EYE IRRITANT. CHRONIC: LONG TERM EXPOSURE TO COBALT IS ASSOCIATED WITH CHRONIC RESPIRATORY DISEASE, REDUCED THYROID ACTIVITY, & IMPAIRED LIVER FUNCTION. CONTACT MAY PRODUCE DERMATITIS.

Explanation Of Carcinogenicity:

NOT LISTED AS A CARCINOGEN. 2

Signs And Symptoms 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 BREATHE, 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 DUST 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:

N/R

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 PONENTIAL DUST EXPLOSION HAZARD.

Physical/Chemical Properties

H1:

N1

NRC/State LIC No:

N/R

Net Wt For Ammo:

N/R

Boiling Point:

N/R

B.P. Text:

N/R

Melt/Freeze Pt:

N/R

M/P/F/P Text:

N/R

Decomp Temp:

N/R

Decomp Text:

N/R

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/R

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/R

PH:

N/R

VOC Grams/Liter:

YES

Viscosity:

N/R

Evaporation Rate & Reference:

N/R

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 UNDER ORDINARY CONDITIONS OF USE/STORAGE:

THE AQUEOUS SOLUTION RAPIDLY DEGRADES.

Materials To React:

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.

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MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P