MATERIAL SAFETY DATA SHEET

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

Click http://www.lookchem.com/cas-272/27253-31-2.html for suppliers of this product.

Composition/Information on Ingredient

Cas:
27253-31-2
Code:
T

RTECS:

Code:
X

Name:
COBALT NEODECANOATE. SPEC GRAV: 1 G/ML. % low Wt

Other REC Limits:
NONE SPECIFIED

OSHA PEL:
SEE TABLE Z3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
0.1 MG/M3 RDUST;9293
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
IF AIR MONITORING INDICATES AIRBORNE CONCENTRATIONS AT OR ABOVE LIMITS, OR SYMPTOMS OF INHALATION OVEREXPOSURE OCCUR, A NIOSH APPROVED RESPIRATORY PROTECTION PROGRAM MAY BE REQUIRED. ENGINEERING CONTR OLS TO REDUCE THE EXPOSURE BELOW ACCEPTABLE LIMITS ARE USUALLY PREFERABLE TO A RESPIRATOR PROGRAM.

Ventilation:
LOC EXHST VENT/OTHER ENGINEERING CONTROLS ARE NORMALLY REQD WHEN HNDLG/USING THIS PROD TO KEEP EXPOS TO AIRBORNE CONTAMS BELOW TLV, PEL/OTHER (ECOLOGICAL INFO)

Protective Gloves:
IMPERVIOUS GLOVES (FP N). INSPECT FOR CHEM BREAK-THRU REPLACE IF DETECTED. 7

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGLES FULL LENGTH FACESHIELD (FP N).

Other Protective Equipment:
Equipment EYE WASH DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). PREVENT SKIN CONTACT BY WEARING OTHER PROTECTIVE EQUIPMENT. CLEAN EQUIPMENT THOROUGHLY AFTER EACH. DO NOT REMOVE FROM WORKPLACE.

Work Hygienic Practices:
CONTACT LENSES SHOULD NOT BE WORN.

Supplemental Safety and Health:
IF FIRST AID PROC:MATL'S HAS BEEN INGESTED. STOM EVACUATION SHOULD ONLY BE CARRIED OUT BY TRAINED & PROPERLY EQUIPPED MED PERS. -- EXPLO HAZ:SOLDER, DRILL, GRIND/EXPOSE EMPTY CNTNR TO HEAT, FLAME, SPKS, STATIC ELEC/OTHER SOURCES OF IGNIT. HMIS/NFPA RATINGS:HLTH-2; FLAMM-1; REACT-1, PROTECTION (HMIS) B.

Health Hazards Data

LD50/LC50Mixture:
SEE INGREDIENTS & TOX INFO.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE: EYE CONTACT: CAN CAUSE MINOR IRRITATION, TEARING AND REDDENING. SKIN CONTACT: CAN CAUSE MINOR IRRITATION, DEFATTING AND DERMATITIS. SKIN ABSORBTION: MINIMAL HAZARD IN NORMAL INDUSTRIAL USE. INHALATION: CAN CAUSE RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, S FATIGUE, NAUSEA, HEADACHE AND POSSIBLE UNCONSCOUSNESS. INGESTION: IRRITATING TO MOUTH, THROAT AND STOMACH. CAN CAUSE ABDOMINAL DISCOMFO RT, NAUSEA, VOMITING AND DIARRHEA. CHRONIC: TARGET ORGANS: KIDNEYS; EYES; SKIN;RESPIRATO

Explanation Of Carcinogenicity:
COBALT NAPHTHENATE: IARC MONOGRAPHS, VOL 52, PG 363, 1991: GROUP 2B.

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NO DATA FOUND.

First Aid:
EYES:IMMED FLUSH W/PLENTY OF WATER FOR AT LST 20 MINS RETRACTING LIDS OFTEN. GET IMMED MED ATTN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAM CLTHG & LAUNDER GET MED ATTN IF IRRIT DEVELS/PERSISTS. INHAL:RE MOVE TO FRESH AIR. IF NOT BRTHG, PERFORMRESCUE BRTHG &, IF AVAIL, HAVE TRAINED PERS ADMIN OXYG. GET MED ATTN IMMED. INGEST:EMER PERS SHOULD BE CONTACTED IMMED & BE PROVIDED W/THIS MSDS. FOR INGEST OF SM QTYS OF CHEMS, RISK ASSOC W/INDUCING VOMIT USUALLY EXCEEDS POIS RISK. GET MED ATTN IMMED.

Spill Release Procedures:
SHUT OFF IGNIT SOURCES; SMOKING, FLAMES/OTHER SOURCES OF IGNIT MUST NOT BE PERMITTED IN AREA. SM SPILLS:TAKE UP W/SAND OR OTHER NONCOMBUST ABSORB MATL & PUT INTO PROPERLY LABELED CNTNRS FOR DISP. LG S PILLS:DIKE AHEAD OF LIQ SPILL AREA TO MIN MIGRATION & VAP GENERATION. VENT AREA. GET PROFESSIONAL HELP FROM OUTSIDE CONTRACTORS, FIRE DEPT/YOUR TRAINED SPILL BRIGADE. FOLLOW GUIDELINES OF (OTHER INFO)

Neutralizing Agent:
N/P

Waste Disposal Methods:
POTENTIAL EPA WASTE CODE(S): NOT DETERMINED. DISPOSE OF BY INCINERATION OR WASTE WATER TREATMENT FOLLOWING FEDERAL, STATE, LOCAL OR PROVINCIAL REGULATIONS. RCRA: NO COMPONENTS (SUBSTANCES) ARE SUBJECT TO RCRA LAND DISPOSAL RESTRICTIONS.

Handling And Storage Precautions:
STORE IN A COOL, DRY VENTILATED LOCATION, AWAY FROM SOURCES OF IGNITION OR OTHER INCOMPATIBLE CONDITIONS. KEEP CONTAINER(S) CLOSED IF POSSIBLE.

Other Precautions:
6 AVOID CONTACT WITH MATERIAL, AVOID BREATHING VAPORS, USE ONLY IN A WELL VENTILATED AREA, USE BONDING AND GROUNDING WHEN TRANSFERRING THIS MATERIAL.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:
=113.9C, 237.F

Flash Point Text:

Autoignition Temp:
=232.2C, 450.F

Autoignition Temp Text:

Lower Limits:
0.7%

Upper Limits:
5.0%

Extinguishing Media:
USE ALCOHOL FOAM, CARBON DIOXIDE (CO*2) OR DRY CHEMICAL. WATER MAY NOT BE EFFECTIVE TO EXTINGUISH FIRE. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND TO PROTECT PERSONNEL.

Fire Fighting Procedures:
USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N). FIGHT FIRE FROM SAFE DIST & PROTECTED LOCATION. HEAT MAY BUILD PRESS & RUPTURE CLSD CNTNRS, SPREADING FIRE & INCR RISK OF BURN/INJURIES. WATER MAY BE IN EFT IN FIREFIGHTING DUE TO LOW FLASH POINT & LTD MISCIBILITY W/WATER. FLAMM/COMBUST COMPONENTS OF THIS MATL (OTHER INFO)

Unusual Fire/Explosion Hazard:
VAPS MAY BE IGNITED BY HEAT, SPKS,FLAME/OTHER SOURCES OF IGNIT GIVING RISE TO CLASS B FIRE. VAPS ARE HVR/AIR & MAY TRAVEL TO SOURCE OF IGNIT & FLASH BACK. CNTNR MAY EXPLODE IN HEAT OF FIRE. EMPTY CNTN R MAY STILL CONTAIN RESIDUAL MATL THAT CAN IGNITE &/OR RSLT IN EXPLO. DO NOT PRESSURIZE, CUT, WELD, BRAZE, (SUPP DATA)

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:
>157.2C, 315.F

B.P. Text:
315-455F

Melt/Freeze Pt:

M.P/F.P Text:
NOT DETERMINED

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
<0.01 MMHG & SEE INGS

Vapor Density:
HVR/AIR

Volatile Org Content %:

Spec Gravity:
1.2 G/ML & SEE INGS

VOC Pounds/Gallon:

PH: NOT DETERMINED

VOC Grams/Liter:

Viscosity:
NOT DETERMINED

Evaporation Rate & Reference:
0.01-0.1(N-BUAC=1) INGS 8

Solubility in Water:
SEE INGREDIENTS

Appearance and Odor:
BLACK LIQUID.

Percent Volatiles by Volume:
13

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STABLE UNDER NORMAL CONDITIONS. AVOID HEAT, SPARKS, OPEN FLAME, OTHER IGNITION SOURCES, OXIDIZING CONDITIONS AND ELEVATED TEMPERATURES.

Materials To Avoid:
ACIDS; CAUSTICS (BASES); STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:
HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: CARBON DIOXIDE; CARBON MONOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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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