

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-100/10022-68-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10022-68-1

Code:
M

RTECS:
EV1850000

Code:
M

Name:
CADMIUM (II) NITRATE, TETRAHYDRATE (1:2:4) ACGIH

Other REC Limits:
N/K

OSHA PEL:
0.05 MG/CUM (CD)

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
0.01 MG(CD)/CUM

Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
NONE REQUIRED.

Ventilation:
LOCAL EXHAUST/VENT HOOD.

Protective Gloves:
REQUIRED

Eye Protection:
SAFETY GLASSES 3

Other Protective Equipment:
Equipment LAB COAT

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING &SHOES BEFORE REUSE.

Supplemental Safety and Health:
ORAL LD50 INFORMATION IS FOR CADMIUM.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 300 MG/KG (SEE SUPP)

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHALATION: SEVERE IRRITATION/BURNS OF RESPIRATORY SYSTEM, PULMONARY EDEMA, LUNG INFLAMMATION, MAY BE FATAL.
SKIN/EYES: SEVERE IRRITATION/BURNS. INGESTION: SEVERE BURNS/ULCERATION OF MOUTH, THROAT & S TOMACH.

Explanation Of Carcinogenicity:
SEE INGREDIENTS

Signs And Symptions Of Overexposure:
IRRITATION, BURNS, COUGHING, DIFFICULT BREATHING, CHEST PAINS, UNCONSCIOUSNESS.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
INGESTION: DON'T INDUCE VOMITING. IF CONSCIOUS GIVE WATER, MILK/MILK OF MAGNESIA. SKIN/EYES: FLUSH W/PLENTY OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES. 2

Spill Release Procedures:
WEAR SCBA & FULL PROTECTIVE CLOTHING. S LEAK IF POSSIBLE W/OUT RISK. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP W/SAND/OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL & PLACE INTO CONTAINER FOR LATER DISPO SAL.

Neutralizing Agent:
N/K

Waste Disposal Methods:
DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. CORROSIVE WASTE D002.

Handling And Storage Precautions:
POISON. KEEP CONTAINER TIGHTLY CLOSED. STORE IN CORROSION-PROOF AREA.

Other Precautions:
N/K

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
N/K

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:
WEAR PROPER PROTECTIVE EQUIPMENT & SELF CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:
N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
212F

Melt /Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
1

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPLETE

Appearance and Odor:
CLEAR PALE YELLOW SOLUTION W/SLIGHT ODOR.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
N/K

Materials To Avoid:
ORGANIC MATERIALS, STRONG REDUCING AGENTS.

Hazardous Decomposition Products:
OXIDES OF NITROGEN.

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