

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-103/10325-94-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
10325-94-7
Code:
M

RTECS:
EV1750000
Code:
M

Name:
CADMIUM NITRATE (AS CD)

Other REC Limits:
NIOSH: 0.04 MG/M3

OSHA PEL:
0.2 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
0.05 MG/M3
Code:
M

ACGIHSTEL:
N/P
Code:
2

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED FOR DUST

Ventilation:
SUFFICIENT TO MAINTAIN OSHA PEL 4

Protective Gloves:
IMPERVIOUS

Eye Protection:
SIDE SHIELD SAFETY GLASSES OR GOGGLES

Other Protective Equipment:
Equipment SAFETY SHOWERS AND EYEWASHES

Work Hygienic Practices:
GOOD HOUSEKEEPING PROCEDURES SHOULD BE FOLLOWED TO MINIMIZE DUST

Supplemental Safety and Health:
PART C IS THE BATTERY AS A WHOLE. PARTS A AND B ARE SEPARATE PARTS OF THIS BATTERY AND THUS HAVE SEPARATE SAFETY DATA SHEETS. THIS IS PART A. (FP N)

Health Hazards Data

LD50LC50Mixture:
ORL(RAT)LD50:300 MG/KG;SKN(RBT)500MG/24H

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
MAY CAUSE IRRITATION/ACID BURNS TO EYES/SKIN.MAY CAUSE UPPER RESP TRACT IRRIT.EXCESS INHAL OF CADMIUM CMPDS MAY, AFTER SEVERAL HRS, CAUSE COUGHING,CHEST PAINS,SWEATING,CHILLS,SHORTNESS OF BREATH,POSSI BLE DEATH.TOXIC BY INGEST (UNLIKELY IN WORKPLACE).INGEST(CADMIUM CMPDS) MAY CAUSE NAUSEA,VOMIT,DIARRHEA,ABDOMINAL CRAMPS.

Explanation Of Carcinogenicity:
CADMIUM (AS CD):IARC CARCINOGEN GROUP 2A; NTP:SUSPECTED HUMANCARCINOGEN/KNOWN ANIMAL CARCINOGEN (FP N).

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS

Medical Cond Aggravated By Exposure:
RESPIRATORY SYSTEM DISORDERS, LIVER AND KIDNEY DISORDERS, PROSTATE DISORDERS.

First Aid:
INHAL: REMOVE TO FRESH AIR. GIVE ART RESP IF NECESSARY, PREFER MOUTH-TO-MOUTH. IF BREATHING DIFFICULT, GIVE OXYGEN. GET MD. INGEST: INDUCE VOMIT IMMED W/ TWO GLASSES OF WATER AND STICK FINGER DOWN THR OAT. GET MD. NEVER GIVE ANYTHING MY MOUTH TO UNCON PERSON. EYES: FLUSH W/ WATER AT LEAST 15 MIN, GET MD.

Spill Release Procedures:
NEUTRALIZE WITH AN ALKALINE MATERIAL AND FLUSH WITH WATER TO A WASTE-WATER TREATMENT SYSTEM.

Neutralizing Agent:
ALKALINE MATERIALS 3

Waste Disposal Methods:
FLUSH WITH WATER TO A WASTE-WATER TREATMENT SYSTEM OR NEUTRALIZE WITH AN ALKALINE MATERIAL AND DISPOSE OF INSOLUBLE HYDRATE SOLID AT AN APPROVED LANDFILL. OBSERVE LOCAL, STATE AND FEDERAL REGULATIONS

Handling And Storage Precautions:
STORE IN A COOL DRY AREA IN CLOSED CONTAINERS. KEEP AWAY FROM COMBUSTIBLE MATERIALS.

Other Precautions:
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING DUST. WASH THOROUGHLY AFTER HANDLING. CONTACT WITH OTHER MATERIAL MAY CAUSE FIRE.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER

Fire Fighting Procedures:
SELF-CONTAINED BREATHING APPARATUS WOULD BE USED WHEN FIRE FIGHTING IN CONFINED SPACES.

Unusual Fire/Explosion Hazard:
THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF NITROGEN.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

M.P/F.P Text:
139F,59C

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/A

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
2.45

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
SOLUBLE 5

Appearance and Odor:
DAMP WHITE CRYSTAL

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT APPLICABLE

Materials To Avoid:
EASILY OXIDIZABLE MATERIALS

Hazardous Decomposition Products:
THERMAL DECOMPOSITION MAY PRODUCE TOXIC OXIDES OF NITROGEN

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

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

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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