

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-130/1306-25-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

1306-25-8

Code:

M

RTECS:

EV3330000

Code:

M

Name:

CADMUM TELLURIDE 1

Other REC Limits:

N/K

OSHA PEL:

0.2 MG/CUM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.05 MG/CUM

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WEAR NIOSH/MSHA APPROVED HIGH EFFICIENCY PARTICULATE RESPIRATOR FOR ORDINARY USE.

Ventilation:

LOCAL EXHAUST: FUMEHOOD. WEAR GLOVE BAG OR BOX W/DRY INERT ATMOSPHERE.

Protective Gloves:

RUBBER

Eye Protection:

CHEMICAL SAFETY GOGGLES

Other Protective Equipment:

Equipment FLAME/CHEMICAL RESISTANT COVERALLS/LABORATORY COAT/APRON/EYE WASH FOUNTAIN/HAT/BOOTS/SAFETY DRENCH SHOWER FACILITIES

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

PROLONGED EXPOSURE TO MOIST AIR CAUSES OXIDATION.

Health Hazards Data

LD50/LC50 Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION: RESPIRATORY TOXICITY & MUCOUS MEMBRANE IRRITATION. EYES: IRRITATION. INGESTION: TOXIC. SKIN: IRRITATION & BURNS.

Explanation Of Carcinogenicity:

CADMUM TELLURIDE IS A SUSPECTED A2 CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALATION: RESPIRATORY TOXICITY & MUCOUS MEMBRANE IRRITATION. EYES: IRRITATION. INGESTION: TOXIC. SKIN: IRRITATION & BURNS.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINS. SKIN: BRUSH OFF MATERIAL & FLUSH W/WATER. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

WEAR PROTECTIVE CLOTHING. COVER SPILL W/DRY SAND OR DOLOMITE. TRANSFER TO PROPERLY MARKED METAL CONTAINER. CLOSE CONTAINER & SUBMIT OR RETAIN FOR DISPOSAL. WASH SPILL AREA W/SOAP & WATER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

CONSULT LOCAL, STATE, & FEDERAL REGULATIONS FOR PROPER DISPOSAL. FLAMMABLE.

Handling And Storage Precautions:

AVOID INHALATION & INGESTION. AVOID CONTACT W/EYES & SKIN. KEEP AWAY FROM HEAT, SPARKS, & OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:

STORE IN A COOL DRY PLACE AWAY FROM ACIDS. USE ADEQUATE VENTILATION. 2

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/K

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

DRY SAND, DRY GROUND DOLOMITE, DRY CHEMICAL EXTINGUISHING AGENTS, OR CO2. DON'T USE WATER.

Fire Fighting Procedures:

WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS & FLAME/CHEMICAL RESISTANT PROTECTIVE CLOTHING. IF SAFE, MOVE MATERIAL OUT OF FIRE AREA.

Unusual Fire/Explosion Hazard:

FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME. FLAMMABLE.

Physical/Chemical Properties

HCC:

NRC/State Lic No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

N/K

Melt/Freeze Pt:

N/K

Decomp Temp:

1905.8F

Decomp Temp:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:

INSOLUBLE

Appearance and Odor:

BLACK, CUBIC CRYSTALS, ODORLESS.

Percent Volatiles by Volume:

N/R

Stability Indicator:

YES

Stability Condition To Avoid:

HEAT, OPEN FLAME, MOISTURE, & SPARKS

Materials To Avoid:

ACIDS & ACID FUMES

Hazardous Decomposition Products:

HYDROGEN TELLURIDE & TELLURIUM COMPOUNDS

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/R

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

LookChem

Look For Chemicals

www.lookchem.com

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

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 in this document is based on the present state of our knowledge and does not guarantee the properties of the product. Lookchem shall not be 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 of sale.