

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-46-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7440-46-2
Code:
M

RTECS:
FK9225000
Code:
M

Name:
CESIUM METAL, RARE EARTH

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:
USE LOCAL EXHAUST

Protective Gloves:
TYPE NOT SPECIFIED.

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment UNIFORMS, DISPOSABLE COVERALLS, SAFETY SHOES.

Work Hygienic Practices:
WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health:
NONE

Health Hazards Data

LD50LC50Mixture:
LD50 INTRAPERITONEAL MOUSE IS 1700MG/KG

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
INHAL/INGEST/SKIN/EYES: THIS ITEM MAY CAUSE IMMEDIATE DESTRUCTION OF TISSUE & BURNS.CHRONIC:CESIUM REPLACES POTASSIUM,CAUSING NEUROMUSCULAR EFFECTS.

Explanation Of Carcinogenicity:
THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptions Of Overexposure:
2 INHAL/INGEST/SKIN/EYES: THIS ITEM MAY CAUSE IMMEDIATE DESTRUCTION OF TISSUE & BURNS.

Medical Cond Aggravated By Exposure:
PERSONS WITH PRE-EXISTING SKIN,EYES,NERVOUS,CIRCULATORY,KIDNEY OR RESPIRATORY AILMENTS OR DAMAGE TO THE BLOOD FORMING ORGANS MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:
SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET PROMP T QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE LARGE QUALTITIES OF WATER OR MILK.

Spill Release Procedures:
MAY IGNITE SPONTANEOUSLY IN AIR. COVER W/DRY SAND, GRAPHITE OR CLASS D FIRE EXTINGUISHING AGENT. ALLOW MATERIAL TO OXIDIZE TO POWDER OR DUST. MINIMIZE AIRBORNE DUST/POWDER. DRY CLEAN UP METHODS SHOULD BE USED. SHOVEL INTO DRY CONTAINER W/COVER.

Neutralizing Agent:
NONE

Waste Disposal Methods:
CONSIDER THAT THIS MATERIAL HAS RECOVERY VALUE.DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
GLASS AMPOULES & STAINLESS STEEL CYLINDERS SHOULD BE USED TO HANDLE & TRANSPORT MATERIAL.

Other Precautions:
STORAGE & TRANSFER SHOULD BE DONE UNDER VACUUM OR AN INERT ATMOSPHERE SUCH AS ARGON OR SUBMERGED IN MINERAL OIL. STORE IN DRY AREA AWAY FROM ACIDS, OXIDIZERS & COMBUSTIBLES.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:

Upper Limits:
3

Extinguishing Media:
N/P

Fire Fighting Procedures:
N/P

Unusual Fire/Explosion Hazard:
N/P

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:
N/A

Decomp Temp:

Decomp Text:
N/A

Vapor Pres:
N/P

Vapor Density:
N/P

Volatile Org Content %:

Spec Gravity:
N/P

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/P

Solubility in Water:
N/P

Appearance and Odor:

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
N/P

Stability Condition To Avoid:
N/P

Materials To Avoid:
N/P

Hazardous Decomposition Products:
N/K

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



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