

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-33-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7440-33-7
Code:
M

RTECS:
YO7175000
Code:
M

Name:
TUNGSTEN

Other REC Limits:
N/P

OSHA PEL:
5 MG/M3/ 10 STEL
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
5 MG/M3/10 STEL;9192
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST.

Ventilation:
LOCAL/GENERAL TO MAINTAIN PEL/TLV;AVOID IGNITION

Protective Gloves:
IMPERVIOUS

Eye Protection:
SAFETY GOGGLES/FACE-SHIELD

Other Protective Equipment:
Equipment EYE-WASH FOUNTAIN,SAFETY SHOWER

Work Hygienic Practices:
AVOID CONTACT WITH EYES AND SKIN.DO NOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
N/P

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY TRACT DUE TO VAPORS/MIST OR DUST PROBLEM;INHALATION CAUSES MAIN PROBLEM.
CHRONIC:DERMATITIS DUE TO SENSITIVITY OF AN INDIVIDUAL.

Explanation Of Carcinogenicity:
N/R

Signs And Symptions Of Overexposure:
SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated By Exposure:
PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid:
3 EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES,CALL A PHYSICIAN. SKIN:WASH WITH SOAP & WATER.
INHALATION:REMOVE TO FRESH AIR;SEEK MEDICAL HELP. INGESTION:CONSULT A PHYSICIAN IMMEDIATELY.

Spill Release Procedures:
USE PROPER PERSONAL PROTECTION.SWEEP OR VACUUM AND COLLECT FOR PROPER DISPOSAL;AVOID DUST GENERATION.

Neutralizing Agent:
N/R

Waste Disposal Methods:
DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE IN COOL,DRY AND WELL VENTILATED AREA.DO NOT CREATE DUST PROBLEM.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/R

Lower Limits:
N/K

Upper Limits:
N/R

Extinguishing Media:
USE SUITABLE MEDIA FOR SURROUNDING FIRES.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:
4 GIVES OFF CO AND/OR CO*2 WHEN BURNING IN OXYGEN CONTAINING ATMOSPHERE.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
10,800F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
UNKNOWN 5

Vapor Pres:
1 MMHG

Vapor Density:
HIGH

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
GREY POWDER ,NO ODOR

Percent Volatiles by Volume:
0.0

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Materials To Avoid:
STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
CO AND/OR CO*2

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