

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-134/13472-45-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

13472-45-2

Code:

M

RTECS:

Code:

X

Name:

SODIUM TUNGSTATE(SOLUBLE COMPOUNDS AS W)

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

1

Control Measures

Respiratory Protection:

NIOSH/MSHA APPROVED RESPIRATORS IF NEEDED.

Ventilation:

LOCAL OR GENERAL VENTILATION NECESSARY TO KEEP AIR CONCENTRATION BELOW TLV.

Protective Gloves:

RUBBER

Eye Protection:

SAFETY GOGGLES

Other Protective Equipment:

Equipment EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:

GOOD PERSONAL HYGIENE PRACTICES REQUIRE THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE AND CHRONIC - PRODUCT IS AN INHALANT TOXIC AND CLASSIFIED AS AN IRRITANT. IN HANDLING, EXERCISE PROPER LABORATORY TECHNIQUE.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

PRODUCT IS AN INHALANT TOXIC AND CLASSIFIED AS AN IRRITANT. IN HANDLING, EXERCISE PROPER LABORATORY TECHNIQUE.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYE/SKIN: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: DRINK 1 OR 2 GLASSES OF WATER. CALL PHYSICIAN.

Spill Release Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND GLOVES. ABSORB ON SAND, VERMICULITE, SAWDUST AND PUT IN A CONTAINER FOR FUTURE DISPOSAL. WASH AND VENTILATE SPILL SITE AFTER PICKUP IS COMPLETE.

Neutralizing Agent:

N/R

Waste Disposal Methods:

DISOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE. DISPOSE OF INSOLVENT AND BURN IN AN EPA LICENSED CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORAGE- STORE AT 4C. KEEP STORAGE CONTAINER TIGHTLY CLOSED.

Other Precautions:

AVOID CONTACT WITH SKIN AND EYES. DO NOT RAISE DUST. AVOID INHALING DUST OR FUMES. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:

N/P 2

Flash Point:

Flash Point Text:

N/R

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

WATER SPRAY, CO₂, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS AWAY.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:

USE WATER SPRAY TO DISPERSE VAPOR.

Physical/Chemical Properties

HCC:

N1

NRC/State LIC No:

N/K

Net Prop WT For Ammo:

N/K

Boiling Point:

N/R

B.P. Text:

N/R

Melt/Freeze Pt:

N/P

Unk/Nown Text:

N/K

Decomp Temp:

N/A

Decomp Text:

N/K

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/K

PH:

N/R

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/R

Solubility in Water:

SOLUBLE

Appearance and Odor:

WHITE CRYSTALLINE POWDER - NO ODOR.

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/K

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