

JAN5D22;(MSDS=THORIATED TUNGSTEN METAL PRODUCTS)

MSDS Number

CFKXS

National Stock Number

5960-00-188-0948

Product Name

JAN5D22;(MSDS=THORIATED TUNGSTEN METAL PRODUCTS)

Manufacturer

PHILIPS LIGHTING CO DIV OF N AMERICAN PHILIPS COR

Product Identification

Product ID:JAN5D22;(MSDS=THORIATED TUNGSTEN METAL PRODUCTS)

MSDS Date:07/01/1986

FSC:5960

NIIN:00-188-0948

MSDS Number: CFKXS

Responsible Party

PHILIPS LIGHTING CO/DIV OF N. AMERICAN PHILIPS COR

100 WESTINGHOUSE PLAZA

BLOOMFIELD , NJ 07003

US

Emergency Phone: 201-563-3000

Info Phone: 201-563-3000

Cage: 77625

Contractor

PHILIPS LIGHTING CO/DIV OF N. AMERICAN PHILIPS COR

HIGHTSTOWN, NJ 60147

US

201-563-3000

Cage: 77625

Ingredients

TUNGSTEN,AS W,SOLUBLE COMPOUNDS.

CAS: 7440-33-7

RTECS: YO7175000

Fraction By Weight: 96-100%

OSHA PELNOE ESTABLISHED

ACGIH TLV: 1 MG/M3/3 STEL; 9596

THORIUM (NATURAL)

Fraction By Weight: 0-4%

Hazards

LD50 LC50 Mixture:TLV FOR TUNGSTEN IS 5MG/M*3

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THIS TUBE CONTAINS EITHER TUNGSTEN OR

THORIATED TUNGSTEN. THORIUM IS A NATURALLY OCCURRING RADIOACTIVE ELEMENT. NO HEALTH HAZARD IS ASSOCIATED WITH NATURAL THORIUM, HOWEVER LONG TERM EXPOSURE TO DUST OR FUMES MAY CAUSE LUNG PROBLEMS. Explanation of Carcinogenicity: THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP, IARC OR OSHA. Effects of Overexposure: NONE SPECIFIED BY MANUFACTURER. Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid: SKIN: REMOVE CONTAMINATED CLOTHING; WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. GET IMMEDIATE MEDICAL ATTENTION. INGEST: GET PROMPT QUALIFIED MEDICAL ATTENTION. IF CONSCIOUS, INDUCE VOMITING.

Fire Fighting

Flash Point: NONE
Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures: HMIS SUGGESTS TO USE A SELF-CONTAINED BREATHING APPARATUS WHENEVER FIGHTING A CHEMICAL FIRE.
Unusual Fire/Explosion Hazard: NO UNUSUAL FIRE HAZARD FOR UNIT OF ISSUE.

Accidental Release

Spill Release Procedures: WET SWEEP OR VACUUM; DO NOT CREATE DUST; PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.
Neutralizing Agent: NOT APPLICABLE.

Handling

Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND PHYSICAL DAMAGE.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection: WHERE APPROPRIATE, USE A NIOSH/MSHA APPROVED RESPIRATOR FOR TOXIC DUST/RADIONUCLIDES.
Ventilation: USE LOCAL EXHAUST WHEN APPROACHING TLV.
Protective Gloves: RUBBER
Eye Protection: SAFETY GLASSES OR GOGGLES.
Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS PRODUCT. WASH HANDS AFTER USE AND BEFORE EATING.
Supplemental Safety and Health
RICHARDSON HAS SUBMITTED 2 MSDS'S: TUNGSTEN(100%), THORIATED TUNGSTEN(4% THORIUM). MFR FURTHER STATES THAT THIS ITEM DOES NOT CONTAIN MERCURY.

Chemical Properties

HCC: N1
Appearance and Odor: ELECTRON TUBE.

Stability

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS (EG. HALOGENS, NITROGEN ACID).
Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products: TUNGSTEN TRIOXIDE.

Disposal

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

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