

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-65-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7440-65-5

Code:

M

RTECS:

ZG2980000

Code:

M

Name:

YTTRIUM

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

1 MG/M3

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

1 MG/M3; 9394

Code:

M

ACGIH STEL:

N/P

Code:

2

Control Measures

Respiratory Protection:

WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH APPROVED RESPIRATOR FOR THE CONDITION OF CONCERN OR USE A SELF-CONTAINED BREATHING APPARATUS.

Ventilation:

LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:

PROTECTIVE GLOVES FOR BROKEN LAMPS.

Eye Protection:

SAFETY GLASSES FOR BROKEN LAMPS.

Other Protective Equipment:

Equipment PROVIDE A LOCAL EYE WASH STATION.

Work Hygienic Practices:

USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health:

NONE

Health Hazards Data

LD50/LC50/Mixture:

LD50 FOR THIS PRODUCT IS NOT ESTABLISHED

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ARTICLE(IAW:29CFR1910.1200) THE PRIMARY HAZARD IS FROM SKIN OR EYE CUTS ARISING FROM BROKEN LAMPS.YTTRIUM MAY CAUSE TEMPORARY LUNG DAMAGE.CHRONIC: MERCURY POISONING MAY CAUSE NERVE DAMAGE.TIN MAY BE DEPOSITED IN THE LUNG (STANNOSIS).FLUORIDE MAY CAUSE KIDNEY DAMAGE AND EXCESS BONE CALCIFICATION.

Explanation Of Carcinogenicity:

THIS ITEM CONTAINS CRYSTALLINE SILICA AND LEAD OXIDE,BUT IT HAS BEEN CONVERTED INTO GLASS(WHERE IT IS NON-HAZARDOUS).

Signs And Symptoms Of Overexposure:

EYES/SKIN: CUTS.MERCURY POISONING: CHEST PAIN, SHORTNESS OF BREATH, COUGHING, GINGIVITIS, SALIVATION, MANGANESE POISONING: FLU- LIKE SYMPTOMS (CHILLS, FEVER), WEAKNESS IN THE LEGS, HORSENESS. FLUORIDE POISONING: SKIN RASH, SOAPY TASTE, VOMITING, ABDOMINAL PAIN, DIARRHEA, SHORTNESS OF BREATH, DIFFICULTY SPEAKING, THIRST, WEAK PULSE.

Medical Cond Aggravated By Exposure:

UNLIKELY TO AGGRAVATE EXISTING MEDICAL CONDITIONS UNDER NORMAL CONDITIONS OF USE.

First Aid:

SKIN: RENDER FIRST AID FOR CUTS.REMOVE CONTAMINATED CLOTHING; WASH WITH MILD SOAP OR DETERGENT AND WATER.EYES: RENDER FIRST AID FOR CUTS. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. INGEST: UNLIKELY TO BE NEEDED.GET PROMPT QUALIFIED MEDICAL ATTENTION.

Spill Release Procedures:

SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.USE PROPER PROTECTIVE EQUIPMENT.FOR MERCURY SPILLS, USE A MERCURY CLEANUP KIT.AVOID MERCURY VAPOR GENERATION.

Neutralizing Agent:

NOT APPLICABLE.

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.THE PRESENCE OF MERCURY MAY REQUIRE THAT A TCLP TEST BE PERFORMED, IN ORDER TO CLASSIFY THIS WASTE.

Handling And Storage Precautions:

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. 4

Other Precautions:

FOLLOW LABEL DIRECTIONS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

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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 with regard to appropriate safety or precautions it does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

information.

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