

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-777/7774-29-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7774-29-0
Code:
M

RTECS:
OW5250000
Code:
M

Name:
MERCURIC IODIDE

Other REC Limits:
N/P

OSHA PEL:
S, C, 0.1 MG/M3 (HG)
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
S, 0.1 MG/M3 (HG)
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE NORMALLY NEEDED. USE NIOSH RESPIRATOR OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV.

Ventilation:
USE HOOD OR OTHER LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV OR BELOW TLV FOR NUISANCE DUST.

Protective Gloves:
NONE 5

Eye Protection:
SAFETY GLASSES

Other Protective Equipment:
Equipment EYE WASH,SAFETY SHOWER,LAB COAT OR APRON.

Work Hygienic Practices:
USE NORMAL CHEMICAL HYGIENE PRACTICES.

Supplemental Safety and Health:
MANUFACTURER'S PART NUMBER CHANGED FROM 151 TO 21194 AT SOME UNKNOWN DATE PRIOR TO JUN90.

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:
PRODUCT IS TOXIC BY CORROSIVITY AND BY HEAVY METAL POISONING.

Explanation Of Carcinogenicity:

N/P

Signs And Symptions Of Overexposure:
IRRITATION/BURNS TO ALL CONTACTED BODY TISSUES. CHRONIC EFFECTS ARE THOSE OF MERCURY POISONING.

Medical Cond Aggravated By Exposure:

NONE

First Aid:
EYES/SKIN:FLUSH WITH WATER, 15 MIN. IF BURNS ARE SEVERE OR IRRITATION PERSISTS, CALL A PHYSICIAN. INGESTED:GIVE EGG WHITES, MILK, OR ACTIVATED CHARCOAL, THEN INDUCE VOMITING. CALL A PHYSICIAN. INHALED :REMOVE TO FRESH AIR, GIVE OXYGEN OR CPRAS NEEDED. CALL A PHYSICIAN.

Spill Release Procedures:
MERCURY CPDS SHOULD NOT BE ALLOWED TO POLLUTE WATER OR AIR.CONVERT MERCURIC IODIDE TO MERCURIC NITRATE BY ADDING SODIUM NITRATE.ADJUST TO ACID,PRECIPATATE MERCURIC SULFIDE.WASH & DRY PRECIPITATE.SHIP TO SUPPLIER.

Neutralizing Agent:

N/P

Waste Disposal Methods:
DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS. 4

Handling And Storage Precautions:
PRECIPITATE MAY FORM UPON STANDING.PROTECT FROM LIGHT.KEEP CONTAINERS CLOSED.PROTECT ,FROM PHYSICAL DAMAGE.

Other Precautions:
AVOID CONTACT WITH MATERIAL.WASH THOROUGHLY AFTER HANDLING.DO NOT BREATH CHEMICAL VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

NONE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:
EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:
WEAR SELF-CNTD BRTHG,APP H*20 SPRAY TO COOL CONTR.

Unusual Fire/Explosion Hazard:

MAY EMIT TOXIC FUMES.

Physical/Chemical Properties

HCC:

B1

NRC/State LIC No:

N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
>212F/>100C

Melt/Freeze Pt:

M.P/F.P Text:

N/A

Decomp Temp:

Decomp Text:

N/A

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

Spec Gravity:

1.283

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:
CLEAR LIGHT YELLOW LIQUID 6

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

HEAT,LIGHT

Materials To Avoid:

STRONG ACIDS

Hazardous Decomposition Products:
TOXIC FUMES OF MERCURY,IODINE,AND IODINE COMPOUNDS.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT KNOWN

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