

# 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

**ACGIH STEL:**

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

**LD50/LC50 Mixture:**

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 Symptoms Of Overexposure:**

IRRITATION/BURNS TO ALL CONTACTED BODY TISSUES. CHRONIC EFFECTS ARE THOSE OF MERCURY POISONING.

**Medical Cond Aggravated By Exposure:**

NONE

**First Aid:**

EVES/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,PRECIPITATE 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:**

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:**

N/P

**Boiling Point:**

N/A

**B.P. Text:**

>212F/>100C

**Melt/Freeze Pt:**

N/A

**M.P/F.P Text:**

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

N/K

**Vapor Density:**

N/K

**Volatile Org Content %:**

N/A

**Spec Gravity:**

1.283

**VOC Pounds/Gallon:**

N/A

**PH:**

N/P

**VOC Grams/Liter:**

N/A

**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

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

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