

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-768/7681-82-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
7681-82-5  
**Code:**  
M

**RTECS:**  
WB6475000  
**Code:**  
M

**Name:**  
SODIUM IODIDE

**Other REC Limits:**  
N/P

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**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