

## **IODINE**

### **MSDS Number**

BDMLP

### **National Stock Number**

6810-00-241-1188

### **Product Name**

IODINE

### **Manufacturer**

CHEMICAL COMMODITIES AGENCY INC

### **Product Identification**

Product ID: IODINE  
MSDS Date: 01/01/1987  
FSC: 6810  
NIIN: 00-241-1188  
MSDS Number: BDMLP

### **Responsible Party**

CHEMICAL COMMODITIES AGENCY INC  
Emergency Phone: 714 864 2310  
Cage: 60777

### **Contractor**

CHEMICAL COMMODITIES AGENCY, INC.  
HIGHLAND, CA 92346-2640  
US  
909-864-2310  
Cage: 60777

### **Ingredients**

IODINE  
CAS: 7553-56-2  
RTECS: NN1575000  
Fraction By Weight: 100%  
OSHA PELC 0.1 PPM  
ACGIH TLV: C 0.1 PPM; 9192

### **Hazards**

Effects of Overexposure: POISON-HARMFUL IF INHALED. CAUSES IRRITATION

### **First Aid**

First Aid: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH WATER 15 MIN. FLUSH SKIN WITH WATER. INHALE - MOVE TO FRESH AIR - CALL PHYSICIAN. INGEST - IMMEDIATELY INDUCE VOMITING & CALL PHYSICIAN.

### **Fire Fighting**

Fire Fighting Procedures: SELF-CONTAINED BREATHING APPARATUS, FULL PROTECTIVE EQUIPMENT  
Unusual Fire/Explosion Hazard: KEEP AMMONIA AWAY FROM VAPORS OF IODINE

### **Accidental Release**

Spill Release Procedures: COVER WITH VAST VOLUME OF CONCENTRATED SOLUTION OF REDUCING AGENT (BISULFITES OR FERROUS SALTS WITH 3M SULFURIC ACID).

NEUTRALIZE WITH SODA ASH OR DILUTED HYDROCHLORIC ACID.

## Handling

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER.

STORE AT TEMPERATURE BETWEEN 15-30C (59-86F)

Other Precautions:AVOID BREATHING VAPOR. AVOID CONTACT WITH EYES,SKIN,CLOTHING. WASH THOROUGHLY AFTER HANDLING.

## Exposure Controls

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS

Ventilation:LOCAL & MECHANICAL

Protective Gloves:RUBBER

Eye Protection:FACE SHIELD

Other Protective Equipment:APPROVED WORKING CLOTHES

Supplemental Safety and Health

HAZARDOUS DECOMPOSITION PRODUCTS (CONT'D): POTAASSIUM, PHOSPHORUS, SILVER AZIDE, SODIUM HYDRIDE, ZIRCONIUM DICARBIDE.

## Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:363F/183C

Spec Gravity:4.93

Solubility in Water:SLIGHT

Appearance and Odor:VIOLET-BLACK CRYSTALS,METALLIC LUSTER,SHARP ODOR

## Stability

Stability Indicator/Materials to Avoid:YES

AMMONIA FORMS EXPLOSIVE NITROGEN IODIDES

Hazardous Decomposition

Products:ACETALDEHYDE,ACETYLENE,AL,NH\*3,CL,NH\*4OH,F\*2,HGO,C\*2H\*5OH

## Disposal

Waste Disposal Methods:DISPOSE THROUGH A WASTE TREATMENT PLANT IF LOCAL ENVIRONMENTAL REGS PERMIT.

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