

CHEMICAL COMMODITIES AGENCY INC -- IODINE -- 6810-00-241-1188

===== Product Identification =====

Product ID:IODINE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-241-1188

MSDS Number: BDMLP

=== Responsible Party ===

Company Name:CHEMICAL COMMODITIES AGENCY INC

Emergency Phone Num:714 864 2310

CAGE:60777

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC S

TREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

===== Composition/Information on Ingredients =====

Ingred Name:IODINE

CAS:7553-56-2

RTECS #:NN1575000

Fraction by Wt: 100%

OSHA PEL:C 0.1 PPM

ACGIH TLV:C 0.1 PPM; 9192

===== Hazards Identification =====

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

===== First Aid Measures =====

First Aid:IN

CASE OF CONTACT,IMMED FLUSH EYES W/WATER 15 MIN. FLUSH  
SKIN W/WATER. INHA-MOVE TO FRESH AIR-CALL PHYSICIAN.  
INGEST-IMMEDIATELY INDUCE VOMITING & CALL PHYSICIAN.

===== Fire Fighting Measures =====

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS,FULL  
PROTECTIVE EQUIPMENT

Unusual Fire/Explosion Hazard:KEEP AMMONIA AWAY FROM VAPORS OF IODINE

===== Accidental Release Measures =====

Spill Release Procedures:COVE  
R WITH VAST VOLUME OF CONC.SOLN OF  
REDUCING AGENT (BISULFITES OR FERROUS SALTS W/3M SULFURIC ACID.  
NEUTRALIZE WITH SODA ASH OR DILUTED HYDROCHLORIC ACID.

===== Handling and Storage =====

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/Pe  
rsonal Protection =====

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.

===== Physical/Chemical Properties =====

HCC:N1

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

Spec Gravit

y:4.93  
Solubility in Water:SLIGHT  
Appearance and Odor:VIOLET-BLACK CRYSTALS,METALLIC LUSTER,SHARP ODOR

===== Stability and Reactivity Data =====

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 Considerations =====

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

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