

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

STREET

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:I

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 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: 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 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/Personal 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): POTASSIUM, PHOSPHORUS, SILVER AZIDE, SODIUM HYDRIDE, ZIRCONIUM DICARBIDE.

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

HCC: N1

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

Spec Gravi

ty: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
E
NVIRONMENTAL REGS PERMIT.

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