

I37

MSDS Number

BBCLN

National Stock Number

6810-00D000203

Product Name

I37

Manufacturer

FISCHER SCIENTIFIC COMPANY

Product Identification

Product ID:I37

MSDS Date:01/01/1985

FSC:6810

NIIN:00D000203

MSDS Number: BBCLN

Responsible Party

FISCHER SCIENTIFIC COMPANY

Emergency Phone: 201-796-7100

Cage: 80015

Contractor

FISHER SCIENTIFIC COMPANY

SPRINGFIELD, NJ 07081

US

201-796-7100

Cage: 94480

Ingredients

IODINE

CAS: 7553-56-2

RTECS: NN1575000

Fraction By Weight: >99%.

OSHA PELC 0.1 PPM

ACGIH TLV: C 0.1 PPM; 9192

Hazards

Effects of Overexposure:INHALATION:HARMFUL IF INHALED.CAUSES IRRITATION.

First Aid

First Aid:EYES/SKIN:FLUSH EYES IMMEDIATELY WITH PLENTY OF WATER FOR 15 MIN.MINIMUM.; SKIN,FLUSH W/PLENTY OF WATER. CALL A MD; IF INHALED,REMOVE TO FRESH AIR.; IF NOT BREATHING, GIVE ARTIFICIAL RESP. IF DIFFICULTY BREATHING,GIVE OXYGEN. CALL DR.

Fire Fighting

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:IODINE VAPORS ARE HIGHLY TOXIC.

Accidental Release

Spill Release Procedures:COVER WITH VAST VOLUME OF CONCENTR. SOLUTION

OF REDUCING AGENT(BISULFITES OR FERROUS SALTS W/ 3M - H*2504).NEUTRALIZE WITH SODA ASH

Handling

Handling and Storage Precautions:STORE AT TEMPERATURE BETWEEN(59-86 F).

Exposure Controls

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS

Ventilation:GENERAL MECHANICAL: PREFERRED.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/FACE SHIELD

Supplemental Safety and Health

LD50:(ORAL RAT) 14 GM/RG.; ALTHOUGH NOT CLASSED AS A HAZ. MAT. BY DOT, A T4 CODE ASSIGNED TO HI-LITE PROBLEMS WITH IODINE IF SPILLED OR IF INVOLVED IN FIRE

Chemical Properties

HCC:N1

Boiling Pt:B.P. Text:363 F MLT.P

Vapor Pres:UNK

Vapor Density:UNK

Spec Gravity:4.93

Evaporation Rate & Reference:(ETHER =1) > 1.

Solubility in Water:INSOLUBLE

Appearance and Odor:VIOLET-BLACK CRYSTALS. METALLIC LUSTER.

Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES

Disposal

Waste Disposal Methods:REVIEW ALL LOCAL,STATE,AND FEDERAL REGULATIONS CONCERNING HEALTH & POLLUTION TO DETERMINE DISPOSAL ACTIONS.

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