BICLSY



HC #68

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MSDS Gram Stain Lugol's Iodine

Section 1: Identification

Product Name: Gram Stain Lugol's Iodine

Product Catalog No: 400312, 400330, 400350, 40035.

400352, 400356

Emergency Phone at Infotrac: (800) 535-5053

Date Prepared: 02/25/02

Section 2: Composition

CAS Number CSEA PEL, ACGIH TLV'STEL (PPM) Hazardous Component(s):

NFPA Health 1

locine Potassium Iodide <1%

<1%

7553-56-2 7681-11-0 ΝĒ NΞ

Flammability 0 React:vity

Section 3: Physical Data

Boiling Point:

212 °F

Specific Gravity ($H_20 = 1$): ~1

Vapor Pressure mm Hg/20°C: 14

Percent Volatile by Vol: 5%

Vapor Density (Air 1:1)

Evaporation Rate (ether = 1): > .

Solubility in H20:

Complete

Appearance & Odor: Reddish-brown liquid iodine odor

Section 4: Fire and Explosion Hazard

Flash Point. NA

Flammable Limits: LEL: NA

UEL: NA

Extinguishing Media:

Water spray, dry chemical, CO2 and foam

Special Firefighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products

of combustion may be harmful in a fire situation. Do not use direct water stream

Unusual Fire & Explosion Hazards: Normal safety precautions

Section 5: Reactivity

Stability: Stable

Material to Avoid: Strong oxidizers, chromic anhydride, perchloric acids, etc.

Hazardous Decomposition or Byproducts: Oxides of carbon

Hazardous Polymerization: Does not occur

Conditions to Avoid: Excessive heat

Section 6: Health Hazards

Routes of Entry: Inhalation, skin and ingestion

Acute: Vapors may cause eye, skin and respiratory irritation Chronic: Poisoning may cause gastrointestinal disturbances and convulsions, circulatory problems and kichey damage.

Carcinogenicity: Not classified as a human carcinogen.

Signs/Symptoms of Exposure: Skin and respiratory irritation.

NOTE: Product is not expected to present a health hazard if following normal good laboratory practices.

I- 446687 C-400312 T-442653 C-400351 - 444346 C-400352

I-442653 C-400351

I- 442652 C-400350 I-441352 C-400350

MSDS

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Section 6: Health Hazards cont'd

Emergency First Aid:

Remove contaminated clothing and wash affected area with soap and water

Eyes:

Skin:

Thoroughly flush eyes with water. Contact a physician if imitation persists.

Ir.gestion

Rinse mouth thoroughly with water provided person is conscious. Contact a physician.

Inhaiation:

Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

Section 7: Safe Handling

Chemical Release or Spill: Isolate the spill area with sand or other absorbent material. Place all contaminated material in closed container for proper disposal.

Waste Disposal Method: All liquid and/or contaminated material should be disposed of in DOT approved waste containers. Incineration for liquids is the suggested method of disposal. Comply with all Federal. State and Local regulations for disposal

Precautions for Handling and Storage: Use normal precautions for liquids. Avoid excessive heat. Use in ventilated

Section 8: Control Measures

Respiratory Protection: Not normally required. If used in a poorly ventilated area, use under an approved fume hood or NIOSH approved respirator.

Ventilation: In ventilated areas, mechanical exhaust is sufficient.

Protective Gloves: Chemical resistant.

Eve Protection: Safety giasses.

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices.

Work/Hygienic Practices: Wash thoroughly with soao and water after handling.

The information listed here is believed to be correct and does not purport to be all-inclusive and shall be used only as a guide. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

> HealthLink 3611 St. Johns Bluff Rd. So. Ste. 1 Jacksonville, FL 32224

For Technical Service Call 800-638-2625