

LUGOL'S IODINE, 21-700

MSDS Number

BXCWH

National Stock Number

6505-00N058359

Product Name

LUGOL'S IODINE, 21-700

Manufacturer

REMEL LIMITED PARTNERSHIP

Product Identification

Product ID:LUGOL'S IODINE, 21-700

MSDS Date:04/12/1993

FSC:6505

NIIN:00N058359

MSDS Number: BXCWH

Responsible Party

REMEL LIMITED PARTNERSHIP

12076 SANTA FE DR

LENEXA , KS 66215

US

Emergency Phone: 800-255-6730

Info Phone: 913-888-0939

Cage: IO995

Contractor

REMEL LIMITED PARTNERSHIP

14428

LENEXA, KS 66215

US

800-447-3641

Cage: IO995

Ingredients

IODINE

CAS: 7553-56-2

RTECS: NN1575000

Fraction By Weight: 5.0%

OSHA PELC 0.1 PPM

ACGIH TLV: C 0.1 PPM; 9495

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:DANGER! POISON, MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. AVOID BREATHING VAPOR AND EYE OR SKIN CONTACT.

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING EYE, SKIN OR RESPIRATORY DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS SUBSTANCE.

First Aid

First Aid: INHALATION: NOT APPLICABLE UNDER NORMAL CONDITIONS OF USE. SEEK MEDICAL ASSISTANCE IF NECESSARY. EYE: WASH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL PHYSICIAN. SKIN: WASH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. CALL PHYSICIAN. INGESTION: CALL PHYSICIAN IMMEDIATELY.

Fire Fighting

Extinguishing Media: USE EXTINGUISHING MEDIA APPLICABLE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: EMITS HIGHLY TOXIC FUMES OF IODINE.

Accidental Release

Spill Release Procedures: WEAR PROT CLOTHING & EQUIP SPECIFIED. WEAR SCBA/RESPIRATOR W/APPRVD NIOSH/MSHA CARTRIDGES, IF NEC. CONTAIN SPILL & FLUSH AREA WITH 1-5% SODIUM BISULFITE & H₂O SOLUTION. ABSORB W/INERT MATERIAL, SCOOP UP & PLACE IN APPRVD HAZ WASTE CNTNR.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions: STORE AT ROOM TEMPERATURE.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN. NOT REQUIRED UNDER NORMAL CONDITIONS OF USE. Ventilation: MECHANICAL EXHAUST, FUME HOOD.

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES.

Other Protective Equipment: PROTECTIVE APRON OR GOWN AS REQUIRED.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

SOLUBILITY IN WATER: INSOLUBLE (SOLUBLE IN AQUEOUS IODINE SOLN)

Chemical Properties

Boiling Pt: B.P. Text: 185F, 85C

Melt/Freeze Pt: M.P/F.P Text: 114F, 45C

Vapor Pres: 1 @ 107F

Spec Gravity: 4.93

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

Solubility in Water: (SUPDAT)

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

Percent Volatiles by Volume: 100

Stability

Stability Indicator/Materials to Avoid: YES

STRONG REDUCING AGENTS, STRONG ACIDS; MAY REACT WITH METALS.

Stability Condition to Avoid: EXTREME HEAT.

Hazardous Decomposition Products: IODINE FUMES.

Disposal

Waste Disposal Methods: ENSURE COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

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