

**MSDS  
MATERIAL SAFETY DATA  
SHEET**

**SOFT JAMB COMPANY**  
6298 MT. PINOS CT. ALTA LOMA, CA 91701

24-HOUR EMERGENCY TRANSPORTATION RESPONSE  
NUMBER 800-424-9300

PRODUCT NAME: 1.75% IODINE  
PRODUCT NUMBER: 6061  
CHEMICAL FAMILY: Complex Iodine

NFPA 704 DESIGNATION

HEALTH 2  
FIRE 0  
REACTIVITY 0  
PPE COR

**SECTION I-HAZARDOUS INGREDIENTS OF MIXTURES**

CAS #	7664-38-2	11096-42-7
CHEMICAL NAME	Phosphoric acid	Iodine complex
% By Wt	8-18%	<19%
OSHA/PEL		n/a
ACGIH/TLV	1 mg/m3	n/a
OTHER		

CERCLA RQ: 18,000 lbs (as-is material)  
SARA III: N/A

**SECTION II-PHYSICAL DATA**

Boiling Point: IBP 214° Fahrenheit	Vapor Pressure: N/A
Vapor Density (Air=1): N/A	Solubility in Water (% by Wt.): Complete
% Volatiles by Volume: N/A	Evaporation Rate: N/A
Specific Gravity: 1.05-1.11	pH of Concentrate: <2

Appearance and Odor: Brown liquid with iodine odor.

**SECTION III-FIRE AND EXPLOSION DATA**

Flash Point: N/A  
Hazardous Polymerization: Will Occur X Will Not Occur  
Flammable Limits: N/A  
Lower Explosive Limits: N/A  
Upper Explosive Limits: N/A  
Extinguishing Media: Water spray, carbon dioxide, foam, or dry chemical.  
Special Firefighting Procedures: None.  
Unusual Fire and Explosion Hazards: Contact with some metals (magnesium, aluminum, galvanized zinc) can generate hydrogen gas  
Conditions to Avoid: N/A

Updated 1-21-09

**SECTION IV-HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: (Refer to Section II)  
EFFECTS OF OVEREXPOSURE: Corrosive substance. Corrosive to tissues. Routes of exposure are eyes, skin, ingestion, and breathing heated vapors. Dust or mist can cause irritant dermatitis.  
EMERGENCY AND FIRST AID PROCEDURE:  
SKIN: Immediately wash affected area thoroughly with soap and water for 15 minutes. Remove any contaminated clothing and launder before reuse.  
EYES: Flush eyes with copious amounts of water, making sure eye lids are kept open. Seek medical attention if irritation persists. Seek medical attention immediately.  
INGESTION: Have victim drink several glasses of water or milk. Do not force an unconscious person to drink anything by mouth. DO NOT INDUCE VOMITING. Contact a physician or poison control center.  
INHALATION: Not a respiratory irritant. However, heated vapors containing this product may be irritating. Remove from area to fresh air.

**SECTION V-REACTIVITY DATA**

CONDITIONS CONTRIBUTING TO INSTABILITY: Alkali materials, heat, contact with iron or aluminum or copper metals. Avoid contact with organic contaminants.  
INCOMPATIBILITY: Avoid strong oxidizing agents, chlorine or bleach, heat.  
HAZARDOUS DECOMPOSITION: Oxides of iodine and phosphorous.

**SECTION VI-SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills (less than 1 gallon) may be flushed, after neutralization with soda ash, to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal, or collected with an industrial vacuum truck.  
WASTE DISPOSAL METHOD: Dispose with in accordance with all federal, state, and local regulations. Do not release the concentrated or diluted product directly into storm drains, or undedicated surface or groundwater supplies. This product is environmentally biodegradable under all conditions associated with normal use.

**SECTION VII-PROTECTIVE EQUIPMENT**

VENTILATION: Forced air, local exhaust, or open air is adequate.  
PERSONAL PROTECTIVE EQUIPMENT: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product.  
WORK/HYGENIC PRACTICES: Handle the concentrated product with extreme care.

**SECTION VIII-REGULATORY INFORMATION**

See Section I  
**DOT**: Corrosive Liquid, n.o.s. (phosphoric acid); 8, UN1760, PG III  
4/1 gal cases: ORM-D

**SECTION IX-STORAGE AND HANDLING**

Do not contaminate water, food, or feed by storage or disposal. Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame. Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**SECTION X-GENERAL PRECAUTIONS**

DO NOT REUSE CONTAINER. Wash thoroughly after handling. For industrial, farm or commercial use only. Keep away from children and animals.