



CHEM087

ARY SCHOOLS

215 S.E. 6th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

IN 0068

MANUFACTURER: L.T. York Co.
440 E. Helm St.
Brookfield, MO 64628

EMERGENCY TELEPHONE NO:
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SECTION I. MATERIAL IDENTIFICATION

Common/Trade Name: Tincture of Iodine U.S.P.
Chemical Name: Tincture
Chemical Family: Mixture

SECTION II. HAZARDOUS INGREDIENTS

Ingredients:	%	TLV Units
Ethyl alcohol	Not given	Not given

SECTION III. PHYSICAL DATA

Boiling Point (*F): 173°F	Specific Gravity (Water=1): .875
Vapor Pressure (mm Hg): 1 ₂ @38.7°C	Percent Volatile (By volume): 98
Vapor Density (Air=1): N/A	
Solubility in Water: I ₂	Evaporation Rate (Bu.Ac. = 1): N/A
Appearance and Odor: Reddish brown solution, alcohol odor	

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: TOC 60°F	Flammable Limits: Not given
Extinguishing Media: Foam or CO ₂ , water mat spread flame	
Special Fire Fighting Procedures: Contain with foam, wear self-contained breathing apparatus	
Unusual Fire and Explosion Hazards: Keep from heat and open flame	

SECTION V. HEALTH HAZARD DATA

Threshold Limit Value: 0.1 ppm

Effects of Overexposure:

- Eyes: Irritation and burning of the eyes lachrymation
- Skin: Not given
- Breathing: Cough, irritation of the nose and throat
- Swallowing: Not given

Emergency and First Aid Procedures:

- Eyes: Irrigate well with water, consult physician
- Skin: Not given
- Breathing: Not given
- Swallowing: Give Gastric Lavage with 5% solution of sodium thiosulfate followed by saline catharsis. Consult physician at once.

SECTION VI. REACTIVITY DATA

Stability: Stable

Conditions To Avoid: Not given

Incompatible With: Reducing agents

Hazardous Decomposition Products: Fumes of iodine and iodides

Hazardous Polymerization: Will not occur

Conditions To Avoid: Not given

SECTION VII. SPILL OR LEAK PROCEDURES

Procedures In Case of Spill or Leak: Flood area with water, use sodium thiosulfate to cover.

Waste Disposal: Flush down drain using large amounts of water.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Type of Respiratory Protection: Organic acid/gas cartridge(NIOSH) approved.

Ventilation: Not given

Protective Gloves: Long sleeve rubber

Eye Protection: Safety goggles

Other Protective Equipment: Labcoat or coveralls

SECTION IX. SPECIAL PRECAUTIONS

Handling/Storage Precautions: Store in a cool dry place away from reducing agents, heat or flame.

Other Precautions: Not given

DATE OF PREPARATION: Not given