



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

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(816) 258-2291  
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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 <sub>2</sub>	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<sub>2</sub>, 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

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#### SECTION VII. SPILL OR LEAK PROCEDURES

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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.

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#### SECTION VIII. SPECIAL PROTECTION INFORMATION

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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

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#### SECTION IX. SPECIAL PRECAUTIONS

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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