

7262

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MATERIAL SAFETY DATA SHEET

THE PURDUE FREDERICK COMPANY
100 CONNECTICUT AVENUE
NORWALK, CONNECTICUT 06856

EMERGENCY TELEPHONE NO.: 1-800-733-1333
IN CT.: 203-853-0123

SECTION I:

CHEMICAL NAMES AND SYNONYMS: Povidone Iodine Solution USP, PVP-I

TRADE NAME: Betadine® Solution (10% Povidone Iodine
= 1% Available Iodine)

CHEMICAL FAMILY: Polymer, complex of Polyvinylpyrrolidone with iodine

FORMULA: (C₆H₉NO)_n x I

CAS REGISTRY NO.: 25655-41-8

SECTION II: INGREDIENTS

NAME	%	TLV	TOXICOLOGICAL DATA
Povidone Iodine	10.00	*	Mouse, Oral LD ₅₀ >8100mg/kg Rat, IV LD ₅₀ >640mg/kg
USP			
Glycerin	1.00		
Igepal	0.25		
Purified Water	88.75		

No Component Is Listed by NTP Or IARC As Having Carcinogenic Potential. *Not Established

SECTION III: PHYSICAL DATA

SPECIFIC GRAVITY: (25°C.) 1.02

pH: < 6.0

APPEARANCE & ODOR: Reddish brown, clear liquid, faint odor

MATERIAL SAFETY DATA SHEETSECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASHING POINT (method used): not flammable
 FLAMMABLE LIMITS: none
 Lel: N/A Uel N/A
 EXTINGUISHING MEDIA: N/A
 SPECIAL FIRE FIGHTING PROCEDURES: N/A
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: None establish by OSHA or ACGIH

EFFECT OF OVEREXPOSURE: This product is generally recognized as safe when used as a topical antimicrobial agent. Overexposure may cause local irritation to the skin. Elevated concentrations of iodide in the serum may occur if excessive amounts of iodine are absorbed through broken skin, burns or deep wounds. Iodine may also be absorbed through the lungs and from the gastrointestinal tract. High concentrations of iodide in the serum may produce alterations in thyroid function, renal disturbances, acidosis and electrolyte disturbances.

EMERGENCY AND FIRST AID PROCEDURES

FOR EYES: Immediately wash with running water for 5 minutes. Get medical attention if irritation persists.

FOR SKIN: Avoid prolonged contact with excess solution. If irritation develops, get medical attention.

FOR INGESTION: If swallowed, DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention.

FOR INHALATION: If fumes cause respiratory discomfort, move to fresh air. Get medical attention if respiratory discomfort persists.

MATERIAL SAFETY DATA SHEETSECTION VI: REACTIVITY DATA

STABILITY: Stable

STORAGE: Store at room temperature

INCOMPATIBILITY: Not stable toward reducing agents or strong alkalies

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

CORROSIVE TO METAL: Yes

TYPE: Iron; can discolor gold or silver

OXIDIZER: Yes

SECTION VII: ENVIRONMENTAL DATA

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spills should be cleaned up as soon possible; wash affected area with dilute ammonia or dilute sodium thio-sulfate solution and copious quantities of water.

WASTE DISPOSAL METHOD: Do not discharge more than minute quantities into waterways or sewer systems. Neutralize with sodium thio-sulfate prior to disposal.

HAZARDOUS SUBSTANCE UNDER "SUPERFUND": No

HAZARDOUS WASTE, 40 CFR 261: No

HAZARDOUS WASTE NUMBER: N/A

CONTAINER DISPOSAL: In a similar manner as other plastic bottles

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SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type): N/A

VENTILATION: LOCAL EXHAUST: N/A SPECIAL: N/A
MECHANICAL (General): N/A OTHER: N/A

PROTECTIVE GLOVES: N/A

EYE PROTECTION: N/A

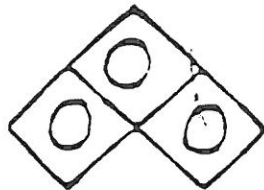
OTHER PROTECTION EQUIPMENT: N/A

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: N/A

OTHER PRECAUTIONS: N/A

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING DEGREES OF HAZARD:



SIGNATURE:

Winthrop E. Lange
Winthrop E. Lange, Ph.D.

TITLE:

Director of Technical Services

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