

## Material Safety Data Sheet

**IODOFLEX™ GEL**  
Healthpoint Medical  
2400 Handley-Ederville Rd.

Fort Worth, TX 76118

For Emergency, Health, Safety, Environmental Information, and other purposes, call (800) 441-8227

Section 1 - HAZARDOUS INGREDIENTS / IDENTITY	
Product Name:	Iodoflex™ Gel
Active Ingredient:	Cadexomer iodine
Chemical Name: Active	
Formula: Active	I <sub>2</sub> adsorbed on dextran polymer
Percent : Product	40.0% cadexomer iodine (0.9% iodine)
Carrier	Starch, Polyethylene glycols 300 + 1500
UPC Code:	80831-20010 (10 g/packet); 80831-20005 (5 g/packet)
CAS Number: Iodine	7553-56-2

Section 2- PHYSICAL AND CHEMICAL CHARACTERISTICS	
Boiling point:	
Density	1250 kg/m <sup>3</sup>
Rel. Evaporation Rate	Ether = 1; BuAc = 100
Vapor pressure (mbar):	<0.1 @ 20°C
Vapor density (Air = 1):	
Solubility in water:	Polyethylene glycols are soluble in water to 50% of weight at 20°C; the starch carrier is insoluble
Reactivity in water:	None
Appearance and odor:	Brown gel
Melting Point:	45°C

Section 3 - FIRE AND EXPLOSION DATA	
Flash Point:	>215°C
Auto-ignition temperature:	>320° C
Extinguisher media:	Water, dry chemical, carbon dioxide or regular foam
Special fire fighting procedures:	Do not touch spilled material
Unusual fire and explosion procedures:	For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

Section 4 - PHYSICAL HAZARDS (REACTIVITY DATA)	
Stability:	Stable under normal temperatures and pressures
Conditions to avoid:	N/A
Incompatibility:	
Materials to avoid:	On contact with water Iodine is released
Hazardous decomposition products:	Thermal decomposition: >220°C and products may include toxic and hazardous iodine vapors and iodide fumes.
Hazardous polymerization:	Has not been reported to occur under normal temperatures and pressures.

Section 5 - HEALTH HAZARDS	
Acute:	Risks associated with iodine exposure
Chronic:	Alteration in thyroid metabolism
Signs, symptoms and exposure:	Skin irritation, redness
Medical conditions generally aggravated by exposure:	Persons with impaired pulmonary or thyroid function or history of asthma, allergies or known sensitization to iodine.
Carcinogen:	Unknown
Emergency and First Aid	Skin: Wash with soap and water. Eyes: Rinse with water 15 min. and call doctor if irritation persists.
Procedures:	Ingestion: Rinse the mouth well, contact doctor if product has been swallowed.
Inhalation:	Inhalation of iodine causes irritation of the mucous membranes.
Eyes:	Temporary irritation and pain when direct contact with the eyes.
Ingestion:	Not suitable for ingestion; irritation, ulceration of mouth and gastrointestinal tract.

Section 6 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES	
Precautions to be taken in handling and storage:	This material should be handled and stored per label and other instructions to ensure product integrity. Should not be stored over room temperature due to loss of iodine.
Other precautions:	Avoid contact with eyes and ingestion. Use gloves and glasses when handling large quantities.
Other information:	If water is used for washing, the water temperature should not exceed 45°C, due to Iodine evaporation.
Steps to be taken in case material is released or spilled:	Keep combustibles (wood, paper, oil, etc.) away from spilled material. Do not touch spilled material. Stop leak if you can do it without risk. Use water spray to reduce vapors. For small dry spills, with clean shovel place material into clean, dry container and cover. For small liquid spills, flush area with flooding amounts of water.
Waste disposal method:	Dispose of waste in accordance with applicable Federal, State and local laws for hazardous waste disposal.

Section 7- SPECIAL PROTECTION INFORMATION/CONTROL MEASURES	
Respiratory protection:	A NIOSH/MSHA approved respirator appropriate to contamination levels
Local exhaust:	Local exhaust or general dilution ventilation system
Mechanical:	None known
Other:	Not applicable
Protective gloves:	Plastic or rubber
Eye protection:	Goggles or equivalent
Other protective clothing and equipment:	Impervious clothing; emergency eye wash fountain