

Material Safety Data Sheet

IODOSORB® 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: Iodosorb® Gel
Active Ingredient: Cadexomer iodine
Chemical Name: Active
Formula: Active I₂ adsorbed on dextran polymer
Percent: Product 50.0% cadexomer iodine (0.9% iodine)
Carrier Polyethylene glycols 400 + 4000, Poloxamer (wetting agent)
UPC Code: Product 80831-14000
CAS Number: Iodine 7553-56-2

Section 2- PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling point: 200° C
Specific Gravity @ 25°C: 4.93
Density 1100 kg/m³
Rel. Evaporation Rate Ether = 1; BuAc = 100
Vapor pressure (mm.HG): 0.305 (@ 25°C)
Vapor density (Air = 1): 8.8
Solubility in water: Polyethyleneglycols 400+4000 are soluble in water; 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: N/A
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:
Hazardous decomposition products: Thermal decomposition 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 Procedures: Skin: Wash with soap and water. Eyes: Rinse with water 15 min. and call doctor if irritation persists.
Inhalation: 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.
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