

MATERIAL SAFETY DATA SHEET
VEDCO IRON DEXTRAN 200 MG 100ML
HEMAJECT 200

SECTION 1 PRODUCT INFORMATION

Manufacturer: Boehringer Ingelheim

Address: Vet Medica Inc.
2621 N Belt Hwy.
St. Joseph MO 64506

Emergency Telephone Number: (800)821-7467

Trade name and synonyms: Injectable Iron Injection, 200 mg/mL

Chemical name and synonyms: Iron Dextran

Chemical Family: -- Complexed aqueous iron solution containing ferric hydroxide and low molecular weight dextran

Formula: A complex of ferric hydroxide with dextran, a polysaccharide

SECTION 2 HAZARDOUS INGREDIENTS

Component	%	OHSA/PEL	ACGIH/TLV
Iron Dextran	20	NA	NA
Phenol	94	5 ppm(skin)	5ppm(skin)

SECTION 3 PHYSICAL DATA

Boiling Point (*F): 212(F

Vapor Pressure (mm Hg): Unk.

Vapor density (air=1): Unk.

Solubility in water: Complete

Appearance and odor: Dark brown liquid slightly aqueous liquid

Specific Gravity(h₂O=1): 1.280

Percent volatile by volume(%) >1.0

Evaporation rate: Slow

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): Unk.

Flammable Limits: NA

Extinguishing media: Water spray, CO₂, dry chemical powder, alcohol or polymer foam

Special fire fighting procedures: As with all fires, evacuate personnel to safe area. Firefighters should use self-contained breathing equipment and protective clothing.

Unusual fire and explosion hazards: Product contains 0.5% phenol, when heated to decomposition, toxic gases and vapors may be released

SECTION 5 HEALTH HAZARD DATA

Threshold limit value: Unk.

Effects of overexposure- May be fatal if inhaled, swallowed or absorbed through skin. Material is extremely

destructive to tissue of the mucous membranes and upper respiratory tract, skin and eyes. Inhalation may be fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Symptoms of overexposure may include burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

Emergency First Aid Procedures-

Eyes: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Persons developing hypersensitivity reactions must receive immediate medical attention.

Skin: flush with copious amounts of water for at least 15 minutes, Remove contaminated clothing and shoes.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Wash out mouth with water. Call a physician.

SECTION 6 REACTIVITY DATA

Stability: Stable (x) Unstable ()

Incompatibility(materials to avoid):strong oxidizing agents, strong bases and strong acids

Hazardous Decomposition Products: Toxic fumes of CO, CO₂ and iron oxides

Hazardous polymerization: Will occur ()will not occur(x)

Conditions to avoid: None

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Ventilate area and wash spill after material pickup is complete.

Waste disposal method: Incineration or chemical waste landfill in accordance with local, state or Federal regulations.

SECTION 8 SPECIAL PROTECTION INFORMATION

Respiratory protection: Wear NIOSH/MSHA approved respirator.

Ventilation: Local exhaust or mechanical

Protective gloves: Chemical resistant gloves

Eye Protection: Goggles

Other protective equipment: Safety shower and eye bath

SECTION 9 SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: May cause allergic skin reaction. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool dry place. Wear gloves during usage.

Other precautions: Carcinogen status: Anticipated human carcinogen (NTP); Human inadequate evidence, animal sufficient evidence (IRAC, Group-2B). Iron dextran complex is carcinogenic to mice and rats after repeated subcutaneous or intramuscular injections, producing local tumors at the injection site.

NOTE;

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