

SAFETY DATA SHEETS

This SDS packet was issued with item:

078697640

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078697517 078917183

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078088681

MATERIAL SAFETY DATA SHEET

Sparhawk Laboratories
 12340 Santa Fe Trail Drive
 Lenexa, KS 66215

| | | |
|--|---|---|
| PRODUCT NAME-IDENTITY: Iron Hydrogenated Dextran Injection | CHEMICAL FAMILY: Nutritional (Iron Dextran) | D.O.T. HAZARD CLASSLIFICATION: Not Considered Hazardous |
|--|---|---|

| | |
|--|--|
| MANUFACTURER NAME: Sparhawk Laboratories | EMERGENCY TELEPHONE #: |
| ADDRESS: 12340 Santa Fe Trail Drive Lenexa, Kansas 66215 | TELEPHONE # FOR INFORMATION: 913-888-7500 |
| | DATE PREPARED: 3/28/95 |

HAZARDOUS INGREDIENT IDENTITY INFORMATION

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| HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY, COMMON NAMES): Phenol (cas # 108-95-2) 0.5%, Threshold limit value at 90% level: PEL TWA 8 hr 5 ppm; TLV TWA 8 hr 5 ppm |
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PHYSICAL/CHEMICAL CHARACTERISTICS

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| BOILING POINT: 217.4°F | SPECIFIC GRAVITY: (H ₂ O=1) 1.18 - 1.20 |
| VAPOR PRESSURE (mm Hg.): not determined | MELTING POINT: N.A. |
| VAPOR DENSITY (Air = 1): not determined | EVAPORATION RATE: not determined (Butyl Acetate = 1) |
| SOLUBILITY IN WATER: Micsible | |
| pH: 5.5 - 7.2 | |
| APPEARANCE AND ODOR: Dark Brown Liquid | |

FIRE AND EXPLOSION HAZARD DATA

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|---|-------------------------|------------|------------|
| FLASH POINT (METHOD USED): N/A | FLAMMABLE LIMIT: | LEL | UEL |
| | | N/A | N/A |
| EXTINGUISHING MEDIA: Water fog, alcohol foam dry chemical or carbon dioxide for surrounding fire. | | | |
| SPECIAL FIREFIGHTING PROCEDURE: Isolate hazard. Evacuate personnel. Move containers away from area of fire if possible. Use water spray to cool fire exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing. | | | |
| UNUSUAL FIRE & EXPLOSION HAZARDS: None known | | | |

REACTIVITY DATA

| | | | |
|--|-----------------------|---|-----------------------------|
| STABILITY: | UNSTABLE | | CONDITIONS TO AVOID: |
| | STABLE | X | Do not mix with bases. |
| HAZARDOUS DECOMPOSITION OF BYPRODUCTS: Exposure to fire may yeild carbon monoxide and carbon dioxide fumes. | | | |
| INCOMPATIBILITY: (MATERIALS TO AVOID): Strong Bases | | | |
| HAZARDOUS POLYMERIZATION: | MAY OCCUR | | CONDITIONS TO AVOID: |
| | WILL NOT OCCUR | X | Exposure to excessive heat. |

IRON HYDROGENATED DEXTRAN

HEALTH HAZARD DATA

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| ROUTES OF ENTRY: | | HEALTH HAZARD (ACUTE & CRONIC): |
| SKIN/EYES? | Yes | Exposure may cause irritation to eyes. |
| INHALATION? | | |
| INGESTION? | Yes | Ingestion of large amounts may cause nausea or vomitting. |
| CARCINOGENICITY: N/A | | |
| TOXICITY: Product is essentially non-toxic nutritive substance. | | |
| SIGNS & SYMPTONS OF EXPOSURE: Eyes: irritation, Ingestion: vomiting, diarrhea, nausea. | | |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: | | |
| EMERGENCY & FIRST AID PROCEDURES: Eyes: Flush with large amounts of water, and seek medical attention. Skin: Thoroughly wash area with soap and water. Inhalation: Provide fresh air and if necessary, give oxygen. Ingestion: Give several glasses of water to dilute and seek medical attention. | | |

PRECAUTIONS FOR SAFE HANDLING AND USE

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| STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill on inert material (i.e. dry sand or earth) - place in appropriate waste container for disposal. Flush area with detergent and water. |
| WASTE DISPOSAL METHOD: Follow local, state and federal disposal requirements. |
| PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: |
| OTHER PRECAUTIONS: |

CONTROL & SPECIAL PROTECTION INFORMATION

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|---|-------------------------|
| RESPIRATORY PROTECTION: | |
| VENTILATION: LOCAL EXHAUST: Yes | SPECIAL: |
| MECHANICAL: | |
| PROTECTIVE GLOVES: Rubber | EYE PROTECTION: Goggles |
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash stations and emergency showers should be provided. | |
| WORK/HYGENIC PRACTICES: | |
| OTHER: | |


The above information is believed to be accurate and represents the best information available to us at the time this Material Safety Data Sheet was prepared. The information is provided to our customers in good faith; however, no warranty, expressed or implied, is made.

IRON DEXTRAN INJECTION

Section 1: Identification of the Substance and Supplier

Product Name Iron Dextran Injection
Recommended Use For the prevention and treatment of anemia due to iron deficiency in baby pigs.
Company Details Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, KS 66215
Emergency Telephone 800-424-9300
Date of Preparations 11/06/15

Section 2: Hazards Identification

Hazard Classification None
Priority Identifiers  Warning
Secondary Identifiers Exposure may cause irritation to eyes. Ingestion of large amounts may cause nausea or vomiting.
Risk & Safety Phrases None

Section 3: Composition/Information on Ingredients

| Chemical Name | CAS Number | Concentration |
|---------------------------|------------|---------------|
| Iron Hydrogenated Dextran | 1309-33-07 | 100 mg/mL |

Section 4: First Aid Measures

Necessary First Aid Measures
 Eyes: Flush with large amounts of water and seek medical attention
 Skin: Thoroughly wash area with soap and water
 Inhalation: Provide fresh air and if necessary give oxygen
 Injection: Drink several glasses of water to dilute and seek medical attention.

Section 5: Fire Fighting Measures

Type of Hazard Not classified as flammable.
Fire Hazard Properties None Applicable
Regulatory Requirements None Applicable
Extinguishing Media and Methods Use water spray to cool fire exposed containers. Water fog, carbon dioxide for surrounding fire.
Hazchem Code None Allocated
Recommended Protective Clothing Self-contained breathing apparatus, rubber gloves and goggles.

Section 6: Accidental Release Measures

Emergency Procedures Absorb spill on inert material (i.e. sand or earth), place in appropriate waste container for disposal. Flush area with detergent and water.

Section 7: Handling and Storage

Precautions for Safe Handling Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed during material transfer, transport or when not in use.
Regulatory Requirements None Required
Handling Practices Avoid contact with skin, eyes and mucosa. Keep containers adequately sealed when in use.
Approved Handlers Not required.

Conditions for Safe Storage Keep containers adequately sealed. Store at controlled room temperature between 15° and 30°C (59° – 86°F)

Store Site Requirements Protect from freezing.

Section 8: Exposure control/Personal Protection

Workplace Exposure Standards None Applicable

Application in the workplace None Applicable

Exposure standards outside the workplace None Applicable

Personal protection Self-contained breathing apparatus, rubber gloves and goggles.

Section 9: Physical and Chemical Properties

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| Appearance | Dark brown liquid |
| Boiling Point | 103°C |
| Melting/Softening point | None Applicable |
| Vapor Pressure | None Applicable |
| Specific Gravity | 1.18 – 1.20 |
| Solubility (H ₂ O) | Miscible |
| Percent Volatiles | None Applicable |
| Evaporation Rates | None Applicable |

Section 10: Stability and Reactivity

Stability of the Substance Stable

Conditions to Avoid Do not mix with bases.

Material to Avoid Strong bases.

Hazardous Decomposition Products Exposure to fire may yield carbon monoxide and carbon dioxide fumes.

Section 11: Toxicological Information

Acute effects for individual ingredients only

Irritation of eyes. Ingestion of large amounts may cause nausea or vomiting.

Section 12: Environmental Information

Effects for individual ingredients only

None Applicable

Section 13: Disposal Considerations

Disposal Information Follow Federal, State and local disposal requirements.

Reference None Applicable

Section 14: Transport Information

Relevant Information Not classified as dangerous goods for transport.

Section 15: Regulatory Information

Regulatory Status None Applicable

Section 16: Other Information

Additional Information For animal use only. Keep out of reach of children.