

MATERIAL SAFETY DATA SHEET

IRON REAGENT

SDI Biomed, Inc.

23679 Calabasas Road, Unit 241
Calabasas, CA 91302
USA

Phone: 800-804-6750

Fax: 818-709-0544

EMERGENCY PHONE NUMBERS

USA: 800-424-9300

INTERNATIONAL: 703-527-3887

DATE OF PREPARATION

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I PRODUCT IDENTIFICATION

CHEMICAL / PRODUCT NAME: **SDI IRON REAGENT**

PRODUCT CATALOG NO: 32416

II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| <u>INGREDIENT</u> | <u>CAS No.</u> | <u>%</u> |
|----------------------|----------------|----------|
| Acetic Acid (Dilute) | 64-19-7 | <1% |

In compliance with OSHA's HAZARD COMMUNICATIONS STANTARD (29CFR 1910.1200) a chemical mixture is considered hazardous if it contains 1% (one percent) or more of a hazardous compound.

III PHYSICAL / CHEMICAL CHARACTERISTICS

| | |
|----------------------|---------------|
| Appearance and odor: | Clear Liquids |
| Boiling Point: | Not Available |
| Vapor Pressure: | Not Available |
| Vapor Density: | Not Available |
| Melting Point: | Not Available |
| Evaporation Rate: | Not Available |
| Specific Gravity: | Not Available |
| Solubility in Water: | Complete |

IV FIRE AND EXPLOSION HAZARD DATA

| | |
|-----------------------------------|--|
| Fire: | Not considered to be a fire hazard. |
| Explosion: | Not considered to be an explosion hazard. |
| Extinguishing Media: | Use water spray, carbon dioxide, dry chemical powder, or appropriate foam to cool fire exposed containers. |
| Special Fire Fighting Procedures: | Not Available |

V REACTIVITY DATA

| | |
|--|---|
| Stability: | Stable |
| Conditions to Avoid: | Not Available |
| Incompatibility: | Not Available |
| Hazardous Decomposition of Byproducts: | Toxic gases and vapors may be released if involved in a fire. |
| Hazardous Polymerizations: | Will Not Occur |
| Conditions to Avoid: | Not Available |

VI HEALTH HAZARD DATA

| | |
|----------------------------|---|
| Primary Route(s) of Entry: | Inhalation, ingestion, skin absorption. |
| Short-Term/Long Term | |
| Effect of Exposure: | Direct contact with eyes and skin may cause irritation. Ingestion of large amounts may cause nausea, vomiting and diarrhea. Contact with solution may cause an allergic skin reaction in rare instances. |

The toxicological properties of this material have not been investigated. Exercise appropriate care to avoid direct contact with skin and eyes.

VII EXPOSURE EFFECTS

Not Available

VIII SYMPTOMS

Not Available

IX FIRST AID

| | |
|------------|--|
| Ingestion: | Seek medical advice if ingestion is suspected. |
| Skin: | Immediately flush with copious amounts of water. |
| Eye: | Immediately flush with copious amounts of water. |

X VENTILATION AND PERSONAL PROTECTION

| | |
|-------------------------|-------------------------------------|
| Ventilation: | Not Required |
| Respiratory Protection: | Not Required |
| Skin: | Gloves and Laboratory Coat Required |
| Eyes: | Protection Required |

In general, good laboratory procedures should be followed.

XI SPECIAL STORAGE AND DISPOSABLE PROCEDURES

Not Applicable

XII SPILL, LEAK AND DISPOSAL PROCEDURES

| | |
|-----------|--|
| Spillage: | Flush affected area with water. |
| Disposal: | Flush to sewer with excess water. Disposal may be subject to Federal, State or Local Laws. |

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