Venofer® (Iron Sucrose Injection, USP)

Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 12/04/2015  Date of issue: 12/04/2015

SECTION 1: IDENTIFICATION
1.1. Product Identifier
Product Form: Colloidal solution
Product Name: Venofer® (Iron Sucrose Injection, USP)
Product Codes: 0517-2340-01; 0517-2340-10; 0517-2340-25; 0517-2325-10; 0517-2310-05; 0517-2340-99

1.2. Intended Use of the Product
Use of the substance/mixture: An iron replacement product indicated for the treatment of iron deficiency anemia in patients with chronic kidney disease (CKD).

1.3. Name, Address, and Telephone of the Responsible Party
Company
Luitpold Pharmaceuticals, Inc.
One Luitpold Drive
P.O. Box 9001
Shirley, NY 11967
1-800-645-1706
www.luitpold.com

1.4. Emergency Telephone Number
Emergency Number: CHEMTREC 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the Substance or Mixture
Classification (GHS-US)
Not classified

2.2. Label Elements
GHS-US Labeling
No labeling applicable

2.3. Other Hazards
Other Hazards: May cause an allergic reaction in sensitive individuals. Exposure may aggravate individuals with iron overload. The most common adverse reactions are diarrhea, nausea, vomiting, headache, dizziness, hypotension, pruritus, pain in extremity, arthralgia, back pain, muscle cramp, chest pain, and peripheral edema. Hemosiderosis has been observed following overdosage. Refer to package insert for additional information.

2.4. Unknown Acute Toxicity (GHS-US) No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1. Substance Not applicable
3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water for Injection</td>
<td>(CAS No) 7732-18-5</td>
<td>qs</td>
<td>Not classified</td>
</tr>
<tr>
<td>Iron sucrose</td>
<td>(CAS No) 8047-67-4</td>
<td>2% w/v Iron (Fe)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>(CAS No) 1310-73-2</td>
<td>Used to adjust pH</td>
<td>Met. Corr. 1, H290</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4 (Dermal), H312</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1A, H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 3, H402</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES
4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical attention (show the label where possible).
First-aid Measures After Inhalation: Go into open air and ventilate suspected area. Seek medical attention.
First-aid Measures After Skin Contact: Remove contaminated clothing. Flush affected area with water for at least 15 minutes. Seek medical attention.
First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: May cause an allergic reaction in sensitive individuals. Exposure may aggravate individuals with iron overload. The most common adverse reactions are diarrhea, nausea, vomiting, headache, dizziness, hypotension, pruritus, pain in extremity, arthralgia, back pain, muscle cramp, chest pain, and peripheral edema. Hemosiderosis has been observed following overdose. Refer to package insert for additional information.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: A heavy water stream may spread burning liquid. CAUTION: Carbon dioxide is an asphyxiant. Lack of oxygen can be fatal.

5.2. Special Hazards Arising From the Substance or Mixture

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus (SCBA) to protect against potential hazardous combustion and decomposition products.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all unnecessary exposure. Do not breathe vapor or mist.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE) as identified in section 8.


6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection. Refer to section 8: Exposure controls/personal protection

Emergency Procedures: Isolate the hazard area. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up: Vacuum spillage with a vacuum cleaner having a high efficiency particulate (HEPA) filter, or absorb liquid with clay absorbent, absorbent pads or paper towels. Use plastic tools to scoop up, sweep or containerize spilled materials. Wipe working surfaces to dryness, and then wash with soap and water.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, well-ventilated place at 20° - 25°C (68° - 77°F) away from direct sunlight and incompatible materials.


7.3. Specific End Use(s) Pharmaceutical.

SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION

8.1. Control Parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>USA ACGIH</th>
<th>USA NIOSH</th>
<th>USA IDLH</th>
<th>USA OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide (1310-73-2)</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>10 mg/m³</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>

12/04/2015 EN (English US)
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8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Safety glasses.

Hand Protection: Wear chemically resistant protective gloves.
Eye Protection: Chemical goggles or safety glasses.
Skin and Body Protection: Wear suitable protective clothing. Wash contaminated clothing before reuse.
Respiratory Protection: In case of inadequate ventilation wear respiratory protection.
Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State: Liquid
Appearance: Brown viscous, aqueous solution
Odor: Odorless
Odor Threshold: No data available
pH: 10.5 - 11.1
Relative Evaporation Rate: No data available
Melting Point: No data available
Freezing Point: No data available
Boiling Point: No data available
Flash Point: No data available
Auto-ignition Temperature: No data available
Decomposition Temperature: No data available
Flammability (solid, gas): nonflammable, noncombustible liquid
Vapor Pressure: No data available
Relative Vapor Density at 20 °C: No data available
Relative Density: No data available
Specific Gravity: Approx. 1.15
Solubility: Aqueous solution
Partition coefficient: n-octanol/water: No data available
Viscosity: No data available

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Hazardous reactions will not occur under normal conditions.
10.2 Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4 Conditions to Avoid: Direct sunlight. High or low temperatures.
10.5 Incompatible Materials: Strong acids. Strong oxidizers.
10.6 Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

| Water (7732-18-5) | LD50 Oral Rat | > 90000 mg/kg |
| Sodium hydroxide (1310-73-2) | LD50 Dermal Rabbit | 1350 mg/kg |

Skin Corrosion/Irritation: Not classified (pH: 10.5 - 11.1)
Serious Eye Damage/Irritation: Not classified (pH: 10.5 - 11.1)
Respiratory or Skin Sensitization: Not classified
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Venofer® (Iron Sucrose Injection, USP)

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Iron sucrose (8047-67-4)

IARC group 3

Reproductive Toxicity: Not classified

Developmental: There are no adequate and well-controlled studies in pregnant women. Animal reproduction studies revealed no evidence of harm to the fetus due to iron sucrose (see package insert). Iron sucrose passes into breast milk of nursing animals.

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Sodium hydroxide (1310-73-2)

LC50 Fish 1 45.4 mg/l (Exposure time: 96 h; Species: Oncorhynchus mykiss [static])

12.2. Persistence and Degradability

Venofer® (Iron Sucrose Injection, USP)

Persistence and Degradability Not established.

12.3. Bioaccumulative Potential

Venofer® (Iron Sucrose Injection, USP)

Bioaccumulative Potential Not established.

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT Not regulated for transport

14.2 In Accordance with IMDG Not regulated for transport

14.3 In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Sodium hydroxide (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Sodium hydroxide (1310-73-2)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date: 12/04/2015

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Dermal) Acute toxicity (dermal) Category 4
Aquatic Acute 3 Hazardous to the aquatic environment - Acute Hazard Category 3
Eye Dam. 1 Serious eye damage/eye irritation Category 1
Met. Corr. 1 Corrosive to metals Category 1
Skin Corr. 1A Skin corrosion/irritation Category 1A
H290 May be corrosive to metals
H312 Harmful in contact with skin
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
The information above is believed to be accurate and represents the best information currently available to Luitpold/American Regent. The information has not been verified and we cannot, therefore, guarantee its accuracy or completeness or adequacy for all persons and situations or as to the results to be obtained by use of the information. It is the user’s obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. WE MAKE NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR USE OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. Users should make their own investigations to determine the suitability of the information for their own particular purposes. The user assumes all risks from use of the product. In no event shall Luitpold, its subsidiaries, its affiliates and its contractors be liable for any claims, losses or damages of any third party, or for lost profits, or for any special, indirect, incidental, consequential or exemplary damages however arising, even if Luitpold has been advised of the possibility of such damages.

SDS US (GHS HazCom)
SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Colloidal solution
Product Name: Venofer® (Iron Sucrose Injection, USP)
Product Codes: 49230-534-10; 49230-534-25; 49230-530-10; 49230-530-25

1.2. Intended Use of the Product
Use of the substance/mixture: An iron replacement product indicated for the treatment of iron deficiency anemia in patients with chronic kidney disease (CKD).

1.3. Name, Address, and Telephone of the Responsible Party
Company Distributor
Luitpold Pharmaceuticals, Inc. Fresenius Medical Care NA
One Luitpold Drive Waltham, MA 02451
P.O. Box 9001 1-800-323-5188
Shirley, NY 11967
1-800-645-1706
www.luitpold.com

1.4. Emergency Telephone Number
Emergency Number: CHEMTREC 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
Classification (GHS-US)
Not classified

2.2. Label Elements
GHS-US Labeling
No labeling applicable

2.3. Other Hazards
Other Hazards: May cause an allergic reaction in sensitive individuals. Exposure may aggravate individuals with iron overload. The most common adverse reactions are diarrhea, nausea, vomiting, headache, dizziness, hypotension, pruritus, pain in extremity, arthralgia, back pain, muscle cramp, chest pain, and peripheral edema. Hemosiderosis has been observed following overdose. Refer to package insert for additional information.

2.4. Unknown Acute Toxicity (GHS-US) No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance Not applicable

3.2. Mixture

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<td>8047-67-4</td>
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<td>Used to adjust pH</td>
<td>Met. Corr. 1, H290</td>
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<tr>
<td></td>
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<td>Skin Corr. 1A, H314</td>
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<td>Eye Dam. 1, H318</td>
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<td></td>
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<td></td>
<td>Aquatic Acute 3, H402</td>
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</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical attention (show the label where possible).
First-aid Measures After Inhalation: Go into open air and ventilate suspected area. Seek medical attention.
First-aid Measures After Skin Contact: Remove contaminated clothing. Flush affected area with water for at least 15 minutes. Seek medical attention.
First-aid Measures After Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
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First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: May cause an allergic reaction in sensitive individuals. Exposure may aggravate individuals with iron overload. The most common adverse reactions are diarrhea, nausea, vomiting, headache, dizziness, hypotension, pruritus, pain in extremity, arthralgia, back pain, muscle cramp, chest pain, and peripheral edema. Hemosiderosis has been observed following overdosage. Refer to package insert for additional information.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES
5.1. Extinguishing Media
Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.
Unsuitable Extinguishing Media: A heavy water stream may spread burning liquid. CAUTION: Carbon dioxide is an asphyxiant. Lack of oxygen can be fatal.

5.2. Special Hazards Arising From the Substance or Mixture
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters
Firefighting Instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection During Firefighting: Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus (SCBA) to protect against potential hazardous combustion and decomposition products.

SECTION 6: ACCIDENTAL RELEASE MEASURES
6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Avoid all unnecessary exposure. Do not breathe vapor or mist.

6.1.1. For Non-emergency Personnel
Protective Equipment: Use appropriate personal protection equipment (PPE) as identified in section 8.

6.1.2. For Emergency Responders
Protective Equipment: Equip cleanup crew with proper protection. Refer to section 8: Exposure controls/personal protection
Emergency Procedures: Isolate the hazard area. Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up
Methods for Cleaning Up: Vacuum spillage with a vacuum cleaner having a high efficiency particulate (HEPA) filter, or absorb liquid with clay absorbent, absorbent pads or paper towels. Use plastic tools to scoop up, sweep or containerize spilled materials. Wipe working surfaces to dryness, and then wash with soap and water.

6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE
7.1. Precautions for Safe Handling
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.
Storage Conditions: Store in a dry, well-ventilated place at 20° - 25°C (68° - 77°F) away from direct sunlight and incompatible materials.

7.3. Specific End Use(s) Pharmaceutical.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1. Control Parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>ACGIH Ceiling (mg/m³)</th>
<th>US NIOSH REL (ceiling) (mg/m³)</th>
<th>US IDLH (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide (1310-73-2)</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>10 mg/m³</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>
8.2. Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment:
- Gloves. Safety glasses.
- Hand Protection: Wear chemically resistant protective gloves.
- Eye Protection: Chemical goggles or safety glasses.
- Skin and Body Protection: Wear suitable protective clothing. Wash contaminated clothing before reuse.
- Respiratory Protection: In case of inadequate ventilation wear respiratory protection.
- Consumer Exposure Controls: Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
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<tr>
<td>Appearance</td>
<td>Brown viscous, aqueous solution</td>
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<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>10.5 - 11.1</td>
</tr>
<tr>
<td>Relative Evaporation Rate</td>
<td>No data available</td>
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<tr>
<td>Melting Point</td>
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<td>Freezing Point</td>
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<td>Boiling Point</td>
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<tr>
<td>Flash Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Nonflammable, noncombustible liquid</td>
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<td>Vapor Pressure</td>
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<td>Relative Vapor Density at 20 °C</td>
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<td>Solubility</td>
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<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
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<tr>
<td>Viscosity</td>
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9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Hazardous reactions will not occur under normal conditions.

10.2 Chemical Stability: Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

10.4 Conditions to Avoid: Direct sunlight. High or low temperatures. Incompatible materials.

10.5 Incompatible Materials: Strong acids. Strong oxidizers.

10.6 Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Not classified

<table>
<thead>
<tr>
<th>Route</th>
<th>LD50</th>
<th>Value</th>
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<tr>
<td>Oral Rat (7732-18-5)</td>
<td>&gt; 90000 mg/kg</td>
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</tr>
<tr>
<td>Dermal Rabbit</td>
<td>1350 mg/kg</td>
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</tr>
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</table>

Skin Corrosion/Irritation: Not classified (pH: 10.5 - 11.1)

Serious Eye Damage/Irritation: Not classified (pH: 10.5 - 11.1)

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified
Iron sucrose (8047-67-4)

IARC group 3

Reproductive Toxicity: Not classified

Developmental: There are no adequate and well-controlled studies in pregnant women. Animal reproduction studies revealed no evidence of harm to the fetus due to iron sucrose (see package insert). Iron sucrose passes into breast milk of nursing animals.

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Sodium hydroxide (1310-73-2)

LC50 Fish 1 45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and Degradability

Venofer® (Iron Sucrose Injection, USP)

Persistence and Degradability Not established.

12.3. Bioaccumulative Potential

Venofer® (Iron Sucrose Injection, USP)

Bioaccumulative Potential Not established.

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT Not regulated for transport

14.2 In Accordance with IMDG Not regulated for transport

14.3 In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Sodium hydroxide (1310-73-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Sodium hydroxide (1310-73-2)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date: 12/4/2015

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Dermal) Acute toxicity (dermal) Category 4

Aquatic Acute 3 Hazardous to the aquatic environment - Acute Hazard Category 3

Eye Dam. 1 Serious eye damage/eye irritation Category 1

Met. Corr. 1 Corrosive to metals Category 1

Skin Corr. 1A Skin corrosion/irritation Category 1A

H290 May be corrosive to metals

H312 Harmful in contact with skin

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage
Venofer® (Iron Sucrose Injection, USP)
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| H402 | Harmful to aquatic life |

Refer to Luitpold/American Regent prescribing information for further information at:
http://www.americanregent.com/AllProducts.aspx

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