Section 1. Product and Company Identification

Product Name: Sulfated Castor Oil 70%

CAS Number: 68187-76-8

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801

(914) 654-6800 (914) 654-6899
parchem.com info@parchem.com

Section 2. Hazards Identification

Classification of the substance or mixture
Eye Irritation-Category 2B

GHS Label Elements
Pictograms: N/A
Signal word: WARNING

Hazard and precautionary statements
Hazard Statements
Health
Causes eye irritation.

Precautionary Statements
Prevention
Wash hands thoroughly after handling.

Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Over Exposure Effects/Routes of Entry: Can cause eye irritation. Prolonged or repeated contact with the undiluted product can cause skin dryness or irritation. Swallowing this product may cause gastrointestinal irritation, diarrhea, nausea, and vomiting.

Carcinogenicity Information: No components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.
Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Sulfated Castor Oil 70%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C_{18}H_{32}Na_{2}O_{6}S</td>
</tr>
<tr>
<td>CAS Number</td>
<td>68187-76-8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfated Castor Oil</td>
<td>68187-76-8</td>
<td>70% wt.</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

**Eyes:** Immediately flush eyes with clean water for at least 15 minutes. If irritation is severe or continues after rinsing, get medical attention.
**Skin:** If skin irritation is severe or continues, get medical attention. Remove contaminated clothing and wash affected skin areas with mild soap and water. Wash contaminated clothing before re-wearing. Discard contaminated shoes.
**Inhalation:** If affected by breathing vapor, remove individual to fresh air.
**Ingestion:** If swallowed contact physician or poison control center. Never give anything by mouth if victim is unconscious. Induce vomiting only on advice of physician.

Section 5. Firefighting Measures

**Suitable Extinguishing Media:** Water spray or mist, CO_{2}, dry chemical, foam.
**Fire Fighting Procedures:** No special procedures needed.
**Precautions for Fire Fighting:** Wear self-contained breathing apparatus and full protective gear.
**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, sulfur oxides and various hydrocarbons may be released during a fire.

Section 6. Accidental Release Measures

**Personal Precautions/ Protective Equipment:** Remove all unnecessary personnel. For personal protective equipment, see section 8.
**Environmental Precautions:** Keep run off out of municipal sewers and open bodies of water.
**Methods for Cleaning Up:** Contain spill and salvage as much material as possible by pumping to a salvage tank or drum. Pick up remaining material with a suitable absorbent.

Section 7. Handling and Storage

**Precautions for Safe Handling:** Wash contaminated clothing before re-wearing. Avoid contact with eyes, skin, and clothing. Product will cause floors to become very slippery when it is spilled on them.
**Conditions for Safe Storage:** Store at normal temperatures and conditions of warehousing.
**Incompatibilities:** Strong oxidizers.
Section 8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Exposure Limit/Value</th>
<th>Type</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfated castor oil sodium salt</td>
<td>68187-76-8</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Appropriate Engineering Controls:** Safety shower/eye bath.

**Personal Protective Equipment Eyes:** Chemical splash goggles.

**Skin:** Not normally required.

**Respiratory:** Not normally required.

Section 9. Physical and Chemical Properties

**Appearance:** Clear amber liquid

**Odor:** Mild

**pH:** 6.3 to 6.6 (1% sol.)

**Solubility in Water:** Soluble

**Specific Gravity (25°C):** 1.040 g/ml

**Boiling Point:** 212°F

**Flash Point:** > 212°F

**Viscosity (25°C):** < 500 cps

**Melting Point:** Not Available

**Freezing Point:** Not Available

**Vapor Pressure (25°C):** Not Available

**Evaporation Rate:** Not Available

Section 10. Stability and Reactivity

**Chemical Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** None determined.

**Incompatible Materials:** Strong oxidizers.

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, sulfur oxides, and various hydrocarbons may be released during a fire.

**Possibility of Hazardous Reactions:** None are known.

Section 11. Toxicological Information

**Acute Health Effects Eyes:** Will cause moderate to severe eye irritation.

**Skin:** Prolonged or repeated contact with the undiluted product may cause moderate skin irritation and dryness.

**Ingestion:** Swallowing this product may cause gastrointestinal irritation, diarrhea, nausea, and vomiting.

**Inhalation:** Breathing vapors at elevated temperatures may cause respiratory irritation.
Chronic Health Effects: None known or expected.
Toxicity Values: No Data Available

Section 12. Ecological Information

Ecotoxicity: No data available.
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
Other Adverse Effects: No data available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT Road Shipment Information (49 CFR 172.101): Non regulated
Ocean Shipment (IMDG): Non regulated
Air Shipment (IATA): Non regulated

Section 15. Regulatory Information

TSCA Status: All components of this product are listed in the TSCA inventory.

EPA SARA Title III Chemical Listings
Section 302 Extremely Hazardous Substances: No
Section 304 CERCLA Hazardous Substances: No

Section 311/312 Hazard Class
Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals: None
Other Regulatory Information: No data available.
Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 4/28/2016