Section 1 – Company Information

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800  📧 (914) 654-6899
🌐 parchem.com  🌐 info@parchem.com

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME: Brominated Vegetable Oil
CAS NUMBER: 8016-94-2
SYNONYM: Fats and Glyceridic oils, vegetable, brominated

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>CAS NUMBER</th>
<th>% BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brominated Vegetable Oil</td>
<td>8016-94-2</td>
<td>100%</td>
</tr>
</tbody>
</table>

Section 3 – Hazards Identification

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant), of ingestion, of inhalation.

**Potential Chronic Health Effects:**
CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not available.
Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4 – First Aid Measures

**Eye Contact:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

**Serious Skin Contact:** Not available.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Serious Inhalation:** Not available.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Section 5 – Fire Fighting Measures

**Flammability of the Product:** May be combustible at high temperature.

**Auto-Ignition Temperature:** Not available.

**Flash Points:** Not available.

**Flammable Limits:** Not available.

**Products of Combustion:** Not available.

**Fire Hazards in Presence of Various Substances:** Slightly flammable to flammable in presence of open flames and sparks, of heat.

**Explosion Hazards in Presence of Various Substances:**
- Risks of explosion of the product in presence of mechanical impact: Not available.
- Risks of explosion of the product in presence of static discharge: Not available.

**Fire Fighting Media and Instructions:**
- SMALL FIRE: Use DRY chemical powder.
- LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Special Remarks on Fire Hazards:** Not available.

**Special Remarks on Explosion Hazards:** Not available.

Section 6 – Accidental Release Measures

**Small Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7 – Handling & Storage

**Precautions:** Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/vapor/spray.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8 – Exposure Controls & Personal Protection

**Engineering Controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

**Personal Protection:** Safety glasses. Lab coat.
Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9 – Physical & Chemical Properties

**Physical state and appearance:** Liquid. (Clear viscous liquid. Oily liquid.)
**Odor:** Bland.
**Taste:** Not available.
**Molecular Weight:** Not available.
**Color:** Brown.
**pH (1% soln/water):** Not applicable.
**Boiling Point:** Not available.
**Melting Point:** Not available.
**Critical Temperature:** Not available.
**Specific Gravity:** 1.33 (Water = 1)
**Vapor Pressure:** Not available.
**Vapor Density:** Not available.
**Volatile:** Not available.
**Odor Threshold:** Not available.
**Water/Oil Dist. Coeff.:** Not available.
**Ionicity (in Water):** Not available.
**Dispersion Properties:** Not available.
**Solubility:** Insoluble in cold water.

Section 10 – Stability & Reactivity Data

**Stability:** The product is stable.
**Instability Temperature:** Not available.
**Conditions of Instability:** Excess heat
**Incompatibility with various substances:** Not available.
**Corrosivity:** Non-corrosive in presence of glass.
**Special Remarks on Reactivity:** Not available.
**Special Remarks on Corrosivity:** Not available.
**Polymerization:** Will not occur.

Section 11 – Toxicological Information

**Routes of Entry:** Absorbed through skin. Eye contact.
**Toxicity to Animals:** LD50: Not available. LC50: Not available.
**Chronic Effects on Humans:** Not available.

**Other Toxic Effects on Humans:** Slightly hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** Not available.

**Special Remarks on other Toxic Effects on Humans:**

**Acute Potential Health Effects:**

**Skin:** It may cause skin irritation. It is expected to be a low hazard.

**Eyes:** It may cause eye irritation. It is expected to be a low hazard.

**Inhalation:** It may cause respiratory tract irritation. It is expected to be a low hazard.

**Ingestion:** It is expected to be a low hazard. It may affect the liver.

---

### Section 12 – Ecological Information

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** Not available.

**Special Remarks on the Products of Biodegradation:** Not available.

---

### Section 13 – Disposal Consideration

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

---

### Section 14 – Transportation Data

**DOT Classification:** Not a DOT controlled material (United States).

**Identification:** Not applicable.

**Special Provisions for Transport:** Not applicable.

---

### Section 15 – Regulatory Information

**Federal and State Regulations:** TSCA 8(b) inventory: Vegetable oil, brominated

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**Other Classifications:**

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):** This product is not classified according to the EU regulations.

Not applicable.
HMIS (U.S.A.):
Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: a

National Fire Protection Association (U.S.A.):
Health: 1
Flammability: 1
Reactivity: 0
Specific hazard:
Protective Equipment: 
Not applicable.
Lab coat.
Not applicable.
Safety glasses.

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.