

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078884143

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

078917649 078917650 078917651 078917652 078917653

**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).**

078905867

<b>Health</b>	<b>0</b>
<b>Fire</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

## Material Safety Data Sheet

### Veterinary (Equine) Gastrafate®

#### Section 1: Chemical Product and Company Identification

**Product Name:** Equine Gastrafate®  
**Catalog Codes:**  
**CAS#:** Not available.  
**RTECS:** Not available.  
**TSCA:** TSCA 8(b) inventory: No products were found.  
**CI#:** Not available.  
**Synonym:** Elm USP Hyper Suspension  
**Chemical Name:** Elm Bark (the bark of Ulmus rubra)  
**Chemical Formula:** Not available.

**Contact Information:**  
 Mueller Medical International  
 48 Moosup Valley Road  
 Foster, Rhode Island 02825  
**US Sales:** 1-401-397-6203  
**International Sales:** 1-401-397-6203  
**CHEMTREC (24HR Emergency Telephone), call:** 1-800-424-9300  
**International CHEMTREC, call:** 1-703-527-3887  
**For non-emergency assistance, call:** 1-281-441-4400

**Composition:** Elm USP

Name	CAS#	% by Weight
ELM USP Hypersuspension		2.4

**Toxicological Data on Ingredients:** Not applicable.

#### Section 3: Hazards Identification

**Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), 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:** Not available

**Serious Inhalation:** Not available.

**Ingestion:** Is not harmful unless allergic.

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.

**Serious Ingestion:** Not available.

## **Section 5: Fire and Explosion Data**

**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:** Non-flammable in presence of heat. Non-flammable in presence of shocks.

**Explosion Hazards in Presence of Various Substances:** Non-explosive in presence of open flames and sparks. Non-explosive in presence of shocks.

### **Fire Fighting Media and Instructions:**

SMALL FIRE: Not available. LARGE FIRE: Not available.

**Special Remarks on Fire Hazards:** As with most organic solids, fire is possible at elevated temperatures.

**Special Remarks on Explosion Hazards:** Not available. Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

## **Section 6: Accidental Release Measures**

### **Small Spill:**

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

---

**Large Spill:**

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Section 7: Handling and Storage****Precautions:**

Keep away from heat as this could accelerate spoilage. Do not breathe dust.

**Storage:**

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

**Section 8: Exposure Controls/Personal Protection****Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:**

Safety glasses. Gloves. Dust respirator if there is visible powder.

**Personal Protection in Case of a Large Spill:**

Splash goggles. Gloves. Boots. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Exposure Limits:** Not available.

**Section 9: Physical and Chemical Properties**

**Physical state and appearance:** Liquid (anionic Cationic Suspension)

**Odor:** Characteristic.

**Taste:** Sweet.

**Molecular Weight:** Not available.

**Color:** Brownish Green.

**pH (1% soln/water):** 6.3 -7.4

**Boiling Point:** Not available.

**Melting Point:** Not available.

---

**Critical Temperature:** Not available.

**Specific Gravity:** Not available.

**Vapor Pressure:** Not applicable.

**Vapor Density:** Not available.

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not available.

**Solubility:** Not available.

## **Section 10: Stability and Reactivity Data**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Excess heat or cold not known to make unstable.

**Incompatibility with various substances:** Not available.

**Corrosivity:** Not available.

**Special Remarks on Reactivity:** Not available.

**Special Remarks on Corrosivity:** Not available.

**Polymerization:** Will not occur.

## **Section 11: Toxicological Information**

**Routes of Entry:** Ingestion.

**Toxicity to Animals:** LD50: Not available. LC50: Not available.

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

**Other Toxic Effects on Humans:** Not known to be hazardous in case of skin contact, 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:**

Potential Health Effects: Skin: Unlikely to cause skin irritation. Eyes: Dust or liquid of product may cause mechanical eye irritation.

Ingestion: Swallowing this material is not known to be harmful.

## **Section 12: Ecological Information**

**Ecotoxicity:** Not available.

**BOD5 and COD:** Not available.

**Products of Biodegradation:**

Possibly hazardous short term degradation products are unlikely. Additionally, long term degradation products is not known to arise.

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

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

## **Section 13: Disposal Considerations**

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

## **Section 14: Transport Information**

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

**Identification:** Not applicable.

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

## **Section 15: Other Regulatory Information**

**Federal and State Regulations:** TSCA 8(b) inventory: No products were found.

**Other Regulations:** Not available.

**Other Classifications:**

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

**DSCL (EEC):** This product is not classified according to the EU regulations. S24/25- Avoid

---

contact with eyes.

**HMIS (U.S.A.):**

**Health Hazard:** 1

**Fire Hazard:** 0

**Reactivity:** 0

**Personal Protection:** C

**National Fire Protection Association (U.S.A.):**

**Health:** 0

**Flammability:** 0

**Reactivity:** 0

**Specific hazard:** Not available.

**Protective Equipment:** B. Safety glasses and Gloves.

<b>Section 16: Other Information</b>
--------------------------------------

**References:** Not available.

**Other Special Considerations:** Not available.

Created: 11/04/2011

**Last Updated:** 11/18/2011

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express 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 particular purposes. In no event shall ScienceLab.com be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if ScienceLab.com has been advised of the possibility of such damages.