Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product: Webril 4.5 lb can Industrial Waterless Hand Cleaner
Chemical Family: Solvent Mixture
Manufacturer Information: BBA Fiberweb
844 S.E Main Street
Simpsonville, SC 29681
Company Contact: Drew Smith
Telephone Number: 864-967-5722 (M-F 8am-5pm EST)
Emergency Phone Contact: Chemtrec (24 Hours)
Emergency Phone Number: 1-800-424-9300

Section 2 - Composition

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>8052-41-3</td>
<td>Stoddard Solvent</td>
<td>35-40%</td>
</tr>
<tr>
<td>7732-18-5</td>
<td>Water</td>
<td>45-50%</td>
</tr>
<tr>
<td>61790-45-2</td>
<td>Fatty Acid Soap</td>
<td>3-8%</td>
</tr>
<tr>
<td>68132-50-3</td>
<td>Fatty Acid Soap</td>
<td>3-8%</td>
</tr>
<tr>
<td>68154-97-2</td>
<td>PO/EO linear C6-12 Alcohol</td>
<td>3-8%</td>
</tr>
<tr>
<td>64742-65-0</td>
<td>Mineral Oil</td>
<td>2-6%</td>
</tr>
</tbody>
</table>

Component Information: This product is not hazardous according to the criteria specified in 29CFR 1910.1200 (Hazard Communication Standard). This product is considered an article and does not require an MSDS.

Section 3 – Hazards Identification

Emergency Overview
None of the components in this material are considered hazardous.

Route of Exposure-Skin
Possible mechanical irritation.

Route of Exposure-Eye
Eye irritant. May irritate respiratory system upon frequent or prolonged use.

Route of Exposure-Ingestion
Swallowing may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Route of Exposure-Inhalation
Material vomited after ingestion and aspirated into the lungs may cause broncopneumonia or pulmonary edema, which may be fatal.
Webril 4.5 lb can Industrial Waterless Hand Cleaner  
Issue Date: 9/30/05

**HMIS Ratings**  
Health: 1     Fire: 2     Reactivity: 0     Personal Protection: A  
Hazard Scale: 0=Minimal     1=Slight     2=Moderate     3=Serious     4=Severe     *=Chronic Hazard

**Section 4 - First Aid Measures**

**First Aid-Skin**  
Wash affected area with soap and water.  

**First Aid-Eye**  
Rinse eyes with water for at least 15 minutes. If irritation persists, contact a physician.  

**First Aid-Ingestion**  
Do not induce vomiting. Call physician immediately.  

**First Aid-Inhalation**  
Remove to fresh air. If symptoms persist, obtain medical attention.  

**First Aid-Notes to Physician**  
No health conditions aggravated by exposure are identified. Contact the poison control center if any problem occurs.

**Section 5 - Fire Fighting Measures**

**Flash Point:** > 124°F  
**Auto Ignition:** Not Applicable  
**Lower Explosive Limit (%):** Not Applicable  
**Upper Explosive Limit (%):** Not Applicable  

**Method Used:** Pensky-Martens Closed Cup  
**Flammability Classification:** Not Applicable  

**General Fire Hazards**  
Solid material may burn upon extended exposure to open flames.  

**Hazardous Combustion Products**  
Upon decomposition this product may emit irritating organic vapors.  

**Extinguishing Media**  
Water spray, foam, carbon dioxide, or dry chemical.  

**Fire Fighting Equipment/Instructions**  
As in any fire, wear a self-contained breathing apparatus and full protective gear.  

**NFPA Ratings**  
Health: 1     Fire: 2     Reactivity: 0  
Hazard Scale: 0=Minimal     1=Slight     2=Moderate     3=Serious     4=Severe

**Section 6 - Accidental Release Measures**

**Containment Procedures**  
Rinse away with water or wipe up with a towel.  

**Clean-Up Procedures**  
Sweep waste fabric into a waste container and recycle, incinerate or landfill in conformity with local disposal regulations.  

**Evacuation Procedures**  
Not Applicable  

**Special Procedures**  
None
Section 7 - Handling and Storage

Handling Procedures
Avoid exposure to heat, sparks or open flames.

Storage Procedures
Store material in cool (between 40°F and 100°F) warehouse that is equipped with a sprinkler system. Ensure product is not stacked too high. Store product off the floor to prevent water damage.

Section 8 - Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>ACGIH TLV: 525mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL: 2900 mg/m³ in 500ppm</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>ACGIH TLV: None Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL: None Available</td>
</tr>
<tr>
<td>Fatty Acid Soap</td>
<td>61790-45-2</td>
<td>ACGIH TLV: None Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL: None Available</td>
</tr>
<tr>
<td>Fatty Acid Soap</td>
<td>68132-50-3</td>
<td>ACGIH TLV: None Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL: None Available</td>
</tr>
<tr>
<td>PO/EO linear C6-12 Alcohol</td>
<td>68154-97-2</td>
<td>ACGIH TLV: None Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL: None Available</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>64742-65-0</td>
<td>ACGIH TLV: 5mg/m³ TWA mist</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL: 5mg/m³ TWA mist</td>
</tr>
</tbody>
</table>

Engineering Controls
Sufficient ventilation to maintain vapor concentration below TLV.

Personal Protective Equipment

Personal Protective Equipment-Eyes/Face
None usually required, but safety glasses offer increased protection.

Personal Protective Equipment-Skin
None usually required

Personal Protective Equipment-Respiratory
None usually required

Personal Protective Equipment-General
Follow individual plant safety rules.
**Section 9 - Physical & Chemical Properties**

- **Appearance:** White Cream  
- **Odor:** Pleasant Smelling  
- **Physical State:** Solid  
- **pH:** 8.8  
- **Vapor Pressure:** NIL  
- **Vapor Density:** Not Applicable  
- **Boiling Point:** Not Applicable  
- **Melting Point:** Not Applicable  
- **Solubility (H₂O):** Soluble  
- **Specific Gravity:** 0.88-0.90  
- **Packing Density:** Not Applicable  
- **Evaporation Rate:** Not Applicable  
- **Percent Volatile Organic Compound:** 37.9%

**Section 10 - Chemical Stability & Reactivity Information**

- **Chemical Stability**  
  Stable under ordinary conditions of use and storage.

- **Conditions to Avoid**  
  Combustible when exposed to open flames. Avoid chlorine, fluorine, and other strong oxidizers.

- **Incompatibility**  
  Incompatible with strong acids, bases, and oxidizing materials.

- **Hazardous Decomposition**  
  Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbon may be emitted upon decomposition.

- **Hazardous Polymerization**  
  Will not occur.

**Section 11 - Toxicological Information**

- **Acute and Chronic Toxicity**
  **General Product Information**
<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>LD50/LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Mixture</td>
<td>Oral LD50 more than 5000 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

No components of this product are known to be hazardous according to the criteria specified in 29CFR1910.1200 (Hazard Communication Standard).

- **Carcinogenicity**  
  General Product Information  
  Product is considered non-hazardous.

- **Epidemiology**  
  No information available.

- **Neurotoxicity**  
  No information available.

- **Mutagenicity**  
  No information available.

- **Teratogenicity**  
  No information available.

- **Other Toxicological Information**  
  Specific toxicity testing has not been performed on this product. Hazard evaluation is based on information from similar products, raw material data, and technical literature.
Section 12 - Ecological Information

Ecotoxicity
General product Information
Fibers are not associated with any ecological problems.

Environmental Fate
Fibers are not biodegradable.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions
General Product Information
None identified.

Component Waste Numbers
No EPA Waste Numbers are applicable for this product's components

Disposal Instructions
Dispose of container and unused contents in accordance with federal, state and local requirements. Processing, use or contamination of this product may change the waste management options.

Section 14 - Transportation Information

Transportation Regulations
Product is not regulated for transportation.

Section 15 - Regulatory Information

US Federal Regulations
General Product Information
No additional information.

Component Analysis-Federal

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS #</th>
<th>SARA 302 (40CFR355 Appx A)</th>
<th>SARA 313 (40CFR372.65)</th>
<th>CERCLA (40CFR302.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Fatty Acid Soap</td>
<td>61790-45-2</td>
<td>UK</td>
<td>UK</td>
<td>UK</td>
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<td>Fatty Acid Soap</td>
<td>68132-50-3</td>
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<td>68154-97-2</td>
<td>UK</td>
<td>UK</td>
<td>UK</td>
</tr>
<tr>
<td>Mineral Oil</td>
<td>64742-65-0</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

UK=Unknown
State Regulations

General Product Information
Other state regulations may apply. Check individual state requirements.

Component Analysis-State
The following components appear on one or more of the following state hazardous substances list:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>CA</th>
<th>FL</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>No</td>
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</table>

Component Analysis-WHMIS IDL

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Minimum Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>1%</td>
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</tbody>
</table>

Additional Regulatory Information

Component Analysis-Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS</th>
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</thead>
<tbody>
<tr>
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Section 16 - Other Information

Other Information
Material for this MSDS was taken from MSDS's for raw materials

MSDS History

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This information and the product are furnished on the condition that the person receiving them shall make his or her own determination as to the suitability of the product for his particular purpose and on the condition that they assume the risk of his use thereof.

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APPROVED BY: MICHAEL THOMASON