1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Goof Off Wipes
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Web site address: www.wmbarr.com
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892

Intended Use: Spot and stain remover

Synonyms: FG801, FG659CBJ, FG685

Additional Information: This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

2. HAZARDS IDENTIFICATION

Serious Eye Damage/Eye Irritation, Category 2A
Specific Target Organ Toxicity (single exposure), Category 3

GHS Signal Word: Warning
GHS Hazard Phrases: H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases: P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P337+313: If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases: P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations.

Hazard Rating System: HEALTH 1, FLAMMABILITY 1, PHYSICAL 0

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):

This material has not been tested as a whole for health effects. Effects listed are those of the individually listed ingredients in this MSDS.

Eyes:
May cause irritation. May cause moderate corneal injury. Effects may include discomfort or pain, and redness. Effects may be slow to heal.

Skin:
Prolonged or repeated exposure may cause irritation, even a burn. May cause more severe response on covered skin (under clothing, gloves). There is some possibility of causing skin irritation during short term contact.

Inhalation:
When used as directed, the consumer is not expected to experience any exposure effects. Excessive exposure may cause irritation to the upper respiratory tract. Symptoms may include a headache, dizziness, or nausea.

Ingestion:
Moderately toxic if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury. However, swallowing larger amounts may cause injury.

Target Organs: Blood (Hemolysis), Kidneys, Liver, Central Nervous System.

Primary Routes of Entry: Inhalation, Ingestion

Medical Conditions Generally Aggravated By Exposure:
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>Benzenemethanol {Benzyl alcohol}</td>
<td>&lt;10.0 %</td>
<td>DN3150000</td>
</tr>
<tr>
<td>143-18-0</td>
<td>Oleic acid potassium salt</td>
<td>&lt; 5.0 %</td>
<td>RK1150000</td>
</tr>
<tr>
<td>111-76-2</td>
<td>Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}</td>
<td>&lt; 5.0 %</td>
<td>KJ8575000</td>
</tr>
</tbody>
</table>

Additional Chemical Information

Concentration of ingredients represents the liquid concentrate that is dispersed on polyethylene spun bond wipe. Specific percentage of composition is being withheld as a trade secret.
## 4. FIRST AID MEASURES

**Emergency and First Aid Procedures:**

- **Skin:**
  Remove contaminated clothing. Immediately wash skin thoroughly with large amounts of water and mild soap, if available. Seek medical attention if irritation persists.

- **Eyes:**
  Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek medical attention.

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

- **Ingestion:**
  If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Signs and Symptoms Of Exposure:**

- See Potential Health Effects.

## 5. FIRE FIGHTING MEASURES

- **Flash Pt:**
  No flash to boiling = FP

- **Explosive Limits:**
  LEL: none  UEL: none

- **Autoignition Pt:**
  No data.

**Suitable Extinguishing Media:**
Non-combustible liquid - use extinguishing media for underlying cause of fire.

**Unsuitable Extinguishing Media:**
None known.

**Fire Fighting Instructions:**
Material is not flammable or combustible. No special fire fighting instructions required.

**Flammable Properties and Hazards:**
Flashpoint: No flash to boiling. This material does not exhibit a flashpoint per the Setaflash Closed Cup test method.

## 6. ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:**
Transfer to compatible containers for proper disposal.

## 7. HANDLING AND STORAGE

**Precautions To Be Taken in Handling:**
Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. A source of clean water should be kept in the immediate work area for flushing of the eyes and skin.

Follow all MSDS/label precautions even after container is emptied because they may retain product residues.

**Precautions To Be Taken in Storing:**
Keep containers closed when not in use. Store in a cool, dry place, out of direct sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical States:</strong></td>
<td>[ ] Gas   [X] Liquid   [X] Solid</td>
</tr>
<tr>
<td><strong>Appearance and Odor:</strong></td>
<td>Slight yellow to clear thin transparent liquid absorbed in polyester wipes.</td>
</tr>
<tr>
<td><strong>Melting Point:</strong></td>
<td>32.00 F</td>
</tr>
<tr>
<td><strong>Boiling Point:</strong></td>
<td>212.00 F</td>
</tr>
<tr>
<td><strong>Autoignition Point:</strong></td>
<td>No data</td>
</tr>
<tr>
<td><strong>Flash Point:</strong></td>
<td>NA</td>
</tr>
<tr>
<td><strong>Explosive Limits:</strong></td>
<td>LEL: none     UEL: none</td>
</tr>
<tr>
<td><strong>Specific Gravity (Water = 1):</strong></td>
<td>1.0055</td>
</tr>
<tr>
<td><strong>Density:</strong></td>
<td>8.37 LB/GL</td>
</tr>
<tr>
<td><strong>Vapor Pressure (vs. Air or mm Hg):</strong></td>
<td>No data</td>
</tr>
<tr>
<td><strong>Vapor Density (vs. Air = 1):</strong></td>
<td>&gt; 1</td>
</tr>
<tr>
<td><strong>Evaporation Rate:</strong></td>
<td>&lt; 1</td>
</tr>
<tr>
<td><strong>Solubility in Water:</strong></td>
<td>Complete</td>
</tr>
</tbody>
</table>

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Goof Off Wipes

SAFETY DATA SHEET

pH: 12.1
Percent Volatile: 0.0 % by weight.
VOC / Volume: 3.0000 % WT
Additional Physical Information: Physical, chemical information is for liquid contained in wipes.

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Stability:</th>
<th>Unstable [ ] Stable [ X ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions To Avoid - Instability:</td>
<td>None known.</td>
</tr>
<tr>
<td>Incompatibility - Materials To Avoid:</td>
<td>Strong oxidizing agents, strong acids, isocyanates, acetaldehyde, aluminum alkyl compounds and strong mineral acids.</td>
</tr>
<tr>
<td>Hazardous Decomposition Or Byproducts:</td>
<td>Carbon monoxide, carbon dioxide, aldehydes, ketones, organic acids</td>
</tr>
<tr>
<td>Possibility of Hazardous Reactions:</td>
<td>Will occur [ ] Will not occur [ X ]</td>
</tr>
<tr>
<td>Conditions To Avoid - Hazardous Reactions:</td>
<td>None known.</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Material has not been tested as a whole. Refer to section 2 for acute and chronic effects.

Carcinogenicity/Other Information:
- CAS# 111-76-2:
  - Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.
  - Result: Behavioral: Ataxia.
  - Nutritional and Gross Metabolic: Weight loss or decreased weight gain.
  - Acute toxicity, LD50, Skin, Species: Rabbit, 220.0 MG/KG.
  - Result: Lungs, Thorax, or Respiration: Changes in pulmonary vascular resistance.

- Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG, Severe.
  - Result: Effects on Newborn: Drug dependency.
  - IARC 3 - Not classifiable as to its carcinogenicity to humans
  - ACGIH A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
Goof Off Wipes

SAFETY DATA SHEET

CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA

100-51-6 Benzenemethanol  {Benzyl alcohol} n.a. n.a. n.a. n.a.
143-18-0 Oleic acid potassium salt n.a. n.a. n.a. n.a.
111-76-2 Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)} n.a. 3 A3 n.a.

12. ECOLOGICAL INFORMATION

General Ecological Information: Not determined for this product as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with all applicable local, state, and federal regulations. Do not dump into sewers or allow to enter waterways.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated by D.O.T.
DOT Hazard Class: Not regulated by D.O.T.
UN/NA Number: Not regulated by D.O.T.

Additional Transport Information:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>Benzenemethanol  {Benzyl alcohol}</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>143-18-0</td>
<td>Oleic acid potassium salt</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>111-76-2</td>
<td>Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}</td>
<td>No</td>
<td>No</td>
<td>Yes-Cat. N230</td>
</tr>
</tbody>
</table>

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections:

311/312 as indicated:

- [X] Yes  [ ] No  Acute (immediate) Health Hazard
- [X] Yes  [ ] No  Chronic (delayed) Health Hazard
- [ ] Yes  [X] No  Fire Hazard
- [ ] Yes  [X] No  Sudden Release of Pressure Hazard
- [ ] Yes  [X] No  Reactive Hazard

Other US EPA or State Lists

- CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
- CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
- CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

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16. OTHER INFORMATION

Revision Date: 04/14/2015
Preparer Name: W.M. Barr EHS Dept  (901)775-0100
Additional Information About This Product: No data available.

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