1. IDENTIFICATION

Product Identifier
Product Name Autoguard New Finish Car Wash

Other means of identification
SDS # AG-041

Recommended use of the chemical and restrictions on use
Recommended Use Manual Car Wash
Restrictions on Use Use only as directed on label

Details of the supplier of the safety data sheet
Warren Oil Company, LLC
2340 U.S. Highway 301 North
Dunn, NC 28334

Emergency Telephone Number
Company Phone Number 1-800-428-9284
Emergency Telephone (24 hr) CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

Hazard Category

Eye Damage / Irritation Category 2B

Signal Word WARNING

Hazard Statements
Causes eye irritation

Hazard pictograms Irritant

Precautionary Statements - Prevention Wash hands thoroughly after handling

Precautionary Statements – Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention IF SWALLOWED: Drink 1 or 2 glasses of water

Precautionary Statements - Storage None

Precautionary Statements - Disposal None

Hazards not otherwise classified (HNOC) None
3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Synonyms</th>
<th>Trade Secret</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sulfuric acid, mono-C10-16-alkyl esters, sodium salts</td>
<td></td>
<td>No</td>
<td>68585-47-7</td>
<td>5 – 10</td>
</tr>
<tr>
<td>Amine oxides, C10-16-alkyldimethyl</td>
<td></td>
<td>No</td>
<td>70592-80-2</td>
<td>1.5</td>
</tr>
<tr>
<td>Poly(oxy-1,2 ethanediyl), alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts</td>
<td></td>
<td>No</td>
<td>68585-34-2</td>
<td>1 – 5</td>
</tr>
<tr>
<td>Ethanol</td>
<td></td>
<td>No</td>
<td>67-63-0</td>
<td>1 – 5</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

First aid measures for different exposure routes

Eye contact: Rinse with plenty of water. Get medical attention immediately if irritation persists.

Skin contact: Rinse with plenty of water. Get medical attention if irritation develops and persists.

Ingestion: Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed: None under normal use conditions.

Indication of immediate medical attention and special treatment needed, if necessary

Note to Physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable extinguishing media: None.

Special hazard: None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards arising from the chemical: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Do not get in eyes, on skin, or on clothing.

Advice for emergency responders: Use personal protective equipment as required.

Methods and materials for containment and cleaning up
### 7. HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling**

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.

#### Conditions for safe storage, including any incompatibilities

**Storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible products**

None known.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>Mexico PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>STEL: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>TWA 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1900 mg/m³ (vacated)</td>
<td>Mexico: TWA 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>TWA: 1000 ppm (vacated)</td>
<td>TWA 1900 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Alberta</th>
<th>Quebec</th>
<th>Ontario TWAEV</th>
<th>British Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>TWA: 1000 ppm</td>
<td>TWA: 1000 ppm</td>
<td>STEL: 1000 ppm</td>
<td>STEL: 1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 1880 mg/m³</td>
<td>TWA: 1880 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No relevant exposure guidelines for other ingredients.

#### Exposure controls

**Engineering Measures**

**Distribution, Workplace and Household Settings:**

Ensure adequate ventilation

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment**

**Eye Protection**

**Distribution, Workplace and Household Settings:**

No special protective equipment required

**Product Manufacturing Plant (needed at Product-Producing Plant ONLY):**

Use appropriate eye protection.

**Hand Protection**

**Distribution, Workplace and Household Settings:**

No special protective equipment required.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State @ 20°C</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Green</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Apple</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>9</td>
<td>10% aqueous solution</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>100–104 °C / 212–219 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>No Flash to Boiling (NFTB)</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>100%</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Viscosity of Product</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
<td>Products comply with US state and federal regulations for VOC content in consumer products</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
None under normal use conditions.

Stability
Stable under normal conditions.

Hazardous polymerization
Hazardous polymerization does not occur.

Hazardous Reactions
None under normal processing.

Conditions to Avoid
None under normal processing.

Materials to avoid
None in particular.
Hazardous Decomposition Products: None under normal use.

### 11. TOXICOLOGICAL INFORMATION

#### Product Information

Information on likely routes of exposure

- **Inhalation**: No known effect.
- **Skin contact**: No known effect.
- **Ingestion**: No known effect.
- **Eye contact**: Irritating to eyes.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

- **Acute toxicity**: No known effect.
- **Skin corrosion/irritation**: No known effect.
- **Serious eye damage/eye irritation**: Irritating to eyes.
- **Skin sensitization**: No known effect.
- **Respiratory sensitization**: No known effect.
- **Germ cell mutagenicity**: No known effect.
- **Neurological effects**: No known effect.
- **Reproductive toxicity**: No known effect.
- **Developmental toxicity**: No known effect.
- **Teratogenicity**: No known effect.
- **STOT – single exposure**: No known effect.
- **STOT – repeated exposure**: No known effect.
- **Target Organ Effects**: No known effect.
- **Aspiration hazard**: No known effect.
- **Carcinogenicity**: No known effect.

#### Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amine oxides, C10-16-alkyldimethyl</td>
<td>70592-80-2</td>
<td>1330.00 mg/kg (rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), Alpha-sulfo-omega-hydroxy-, C10-16-alkyl ethers, sodium salts</td>
<td>68585-34-2</td>
<td>&gt;2001 mg/kg</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

The product is not expected to be hazardous to the environment.

- **Persistence and degradability**: No information available.
- **Bioaccumulative potential**: No information available.
- **Mobility**: No information available.
- **Other adverse effects**: No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment**
14. TRANSPORT INFORMATION

**DOT**
Not regulated.

**IMDG**
Not regulated.

**IATA**
Not regulated.

15. REGULATORY INFORMATION

**U.S. Federal Regulations**

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CERCLA**
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA)(40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>CERCLA/SARA 302 TPQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)(see 40 CFR 61)**
This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPs) or VOC’s per the Clean Air Act:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>CAA (Clean Air Act) – 1990 Hazardous Air Pollutants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenoxethanol</td>
<td>122-99-6</td>
<td>X</td>
</tr>
</tbody>
</table>

**Clean Water Act**
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>CWA – Reportable Quantities</th>
<th>CWA – Toxic Pollutants</th>
<th>CWA – Priority Pollutants</th>
<th>CWA – Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1000 lb</td>
<td>-</td>
<td>-</td>
<td>X</td>
</tr>
</tbody>
</table>

**California Proposition 65**
This product is not subject to warning labeling under California Proposition 65.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
<tr>
<td>Chemical Name</td>
<td>CAS No</td>
<td>Pennsylvania</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------</td>
<td>--------------</td>
</tr>
<tr>
<td>Ethanol</td>
<td>64-17-5</td>
<td>X</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>X</td>
</tr>
<tr>
<td>Phenoxyethanol</td>
<td>122-99-6</td>
<td>X</td>
</tr>
</tbody>
</table>

**International Inventories**

**United States**

All intentionally-added components of this product(s) are listed on the US TSCA Inventory.

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**16. OTHER INFORMATION**

**Issue Date:** 10-Sept-2015  
**Revision Date:** N/A  
**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet