Section 1. Identification

Product Identifier: Wash & Wax
Product Use: Vehicle Maintenance
Manufacturer: Thetford Corporation
7101 Jackson Road
Ann Arbor, MI 48103
Emergency Numbers: (734) 769-6000
(800) 424-9300 (CHEMTREC - 24 hours)

Section 2. Hazards Identification

Classification:
- Eye Damage/Irritation - Category 1
- Skin Damage/Irritation - Category 2

Hazard Pictograms:
- DANGER

Signal Word:
- DANGER

Hazard Statements:
- Causes serious eye damage. Causes skin irritation.

Precautionary Statements:
- Prevention: Wear eye protection and protective gloves. Wash thoroughly after handling.
- Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

Section 3. Composition/Information on Ingredients

Mixture of the following with non-hazardous additions.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Wt%</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkylpolyglucoside solution</td>
<td>20</td>
<td>NA- Mixture</td>
</tr>
<tr>
<td>Cocamidopropyl betaine solution</td>
<td>2.2</td>
<td>NA- Mixture</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

First Aid Measures
- Inhalation: Remove from contaminated area if irritation occurs.
- Skin Contact: Wash thoroughly with soap and water.
- Eye Contact: Irrigate eyes for a minimum of 15 minutes. Get medical attention immediately.
- Ingestion: Do not induce vomiting. Drink 2 glasses of water. Contact a physician.

Potential Acute Health Effects
- Inhalation: No data available.
- Skin Contact: Causes irritation.
- Eye Contact: Causes serious damage.
- Ingestion: Nontoxic if ingested.

Potential Chronic Health Effects: None known.

Section 5. Fire-Fighting Measures

Extinguishing Media: Water, dry chemical, carbon dioxide or foam
Specific hazards arising from the chemical: Hazardous decomposition products formed under fire conditions.
Hazardous thermal decomposition products: Carbon monoxide and carbon dioxide
Special protective actions for fire-fighters: None
Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear safety glasses and rubber gloves. Eliminate sources of ignition.

Method and materials for containment and clean up

Clean up small spills with water. Soak up larger spills with absorbent material. Place used absorbent in closed containers for disposal. Mop the area with plenty of cold, clean water. Dispose of in accordance with federal, state, and local regulations.

Section 7. Handling and Storage

Precautions for safe handling: Keep away from heat and sources of ignition. Avoid contact with eyes and skin. Wash thoroughly after handling. Spilled material may be slippery.

Conditions for safe storage: Store below 100°F (38°C). Do not freeze. Store away from strong acids, bases and oxidizing agents.

Section 8. Exposure Control/Personal Protection

Occupational Exposure Limits
Contains no substances with occupational exposure limit values.

Appropriate Engineering Controls
Maintain adequate ventilation.

Personal Protection

Respiratory Protection: Not required for properly ventilated areas
Skin Protection: Rubber gloves
Eye/Face Protection: Safety glasses or goggles
Hygiene Measures: Wash hands thoroughly after handling especially before eating, drinking and smoking. Wash contaminated clothing before reuse. Have eyewash and safety shower available.

Section 9. Physical and Chemical Properties

Physical State: Liquid
Color: Colorless
Odor: Detergent
Odor Threshold: Not available
pH: 7.5 - 9
Melting Point: Not applicable
Freezing Point: 32°F (0°C)
Boiling Point: 210°F (99°C)
Flash Point (RTCC): >200°F (>93°C)
Evaporation Rate: Not available
Flammability: Not applicable

Upper/Lower Explosive Limits: Not applicable
Vapor Pressure: Not available
Vapor Density: Not available
Specific Gravity: 1.024
Bulk Density: Not applicable
Partition coefficient n-octanol/water: Not available
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: None, like water

Section 10. Stability and Reactivity

Reactivity: No information available
Chemical Stability: Stable under recommended storage conditions
Possibility of Hazardous Reactions: No information available
Conditions to Avoid: 

Incompatible Materials: Strong acids, bases and oxidizing agents

Hazardous Decomposition Products: Oxides of carbon, nitrogen and oxides of sulfur

Section 11. Toxicological Information

Information on the likely routes of exposure: Dermal contact. Eye contact.

Potential Acute Health Effects

Inhalation: Not an inhalation hazard.
Skin Contact: Causes skin irritation.
Eye Contact: Causes serious damage.
Ingestion: Nontoxic if ingested.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation: Not available.
Skin Contact: Cause itchiness when left on skin.
Eye Contact: Irritating with burning and tearing.
Ingestion: Not available.

Potential Chronic Health Effects

Short Term Exposure
Potential immediate effects: Not available

Long Term Exposure
Potential delayed effects: Not available
General: Not available
Carcinogenicity: Ingredients not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental Effects: No known significant effects or critical hazards.
Fertility Effects: No known significant effects or critical hazards.

Information on Toxicological Effects

Acute Toxicity
Components: Damaging to the eyes, irritating to the skin.

<table>
<thead>
<tr>
<th>Components</th>
<th>LD50 Oral (rat)</th>
<th>LD50 Oral (rabbit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkylpolyglucoside solution</td>
<td>&gt;5,000 mg/kg</td>
<td>&gt;5,000 mg/kg</td>
</tr>
<tr>
<td>Cocamidopropyl betaine solution</td>
<td>&gt;5,000 mg/kg (rat) (OECD 401)</td>
<td>&gt;2,000 mg/kg (rat) (OECD 402)</td>
</tr>
</tbody>
</table>

Respiratory or skin sensitization

Respiratory sensitization: No known significant effects or critical hazards.
Skin sensitization: No known significant effects or critical hazards.
Carcinogenicity: Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity: No data available to indicate product or any components present at greater than 0.1% present reproductive hazards.
Specific target organ toxicity - single exposure: No known significant effects or critical hazards.

Store below 32°F or above 100°F for extended periods.
Aspiration hazard: Not an aspiration hazard

Acute toxicity estimates (ATE)

<table>
<thead>
<tr>
<th>Route</th>
<th>ATE value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>&gt;22,000 mg/kg</td>
</tr>
</tbody>
</table>

Section 12. Ecological Information

**Toxicity**

Not toxic to aquatic organisms.

**Components**

<table>
<thead>
<tr>
<th>Component</th>
<th>EC0 Bacteria</th>
<th>LC50 Fish</th>
<th>EC50 96h Daphnia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkylpolyglucoside solution</td>
<td>&gt;100 mg/l</td>
<td>&gt;10 - 100 mg/l</td>
<td>10 - 100 mg/l</td>
</tr>
<tr>
<td>Cocamidopropyl betaine solution</td>
<td>&gt;100 mg/l (OECD 209)</td>
<td>&gt;1 - 10 mg/l (Pimephales promelas)</td>
<td>&gt;1 - 10 mg/l (OECD 201)</td>
</tr>
</tbody>
</table>

Persistence and Degradability: Organic ingredients are biodegradable

Bioaccumulative Potential: No bioaccumulation expected

Mobility in Soil: Not available

Other Adverse Effects: No information available

Section 13. Disposal Considerations

Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. Waste disposal should be in accordance with existing federal, state, and local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport Information

<table>
<thead>
<tr>
<th>UN Number:</th>
<th>Not Regulated</th>
<th>Hazard Class:</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper Shipping Name:</td>
<td>Not applicable</td>
<td>Packing Group:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental Hazard:</td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 15. Regulatory Information

SARA 311/312: None

SARA Title III Section 313 EHS: None

SARA Title III Section 313 Toxic: None

Section 16. Other Information

Date of Issue: 26-May-15

Prepared by: Janis Thomson

Date of previous issue: 7-Aug-14

MSDS Number: 50046

Version: 3