Section 1. Identification

Product Identifier: Black Streak Remover
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 2
Hazard Pictograms:
Signal Word: Warning
Hazard Statements: Causes serious eye irritation.
Precautionary Statements:
Prevention
Wear eye protection.
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 attention.

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>Propylene Glycol Monobutyl Ether</td>
<td>5</td>
<td>NA - Mixture</td>
</tr>
<tr>
<td>Alkylpolyglycoside Solution</td>
<td>1.50</td>
<td>NA - Mixture</td>
</tr>
<tr>
<td>Borax Decahydrate</td>
<td>1</td>
<td>1303-96-4</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: Not a skin irritant.
Eye Contact: Causes serious irritation.
Ingestion: Nontoxic if ingested.

Section 5. Environmental Protection

Section 5. Extinguishing Media

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: Oxides of carbon
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.

Section 8. Exposure Control/Personal Protection

Occupational Exposure Limits

Borax Decahydrate treated by OSHA as “Particulate Not Otherwise Classified” (PNOR).

| OSHA/PEL: | 15 mg/m³ (total dust) | ACGIH/TLV (STEL): | 6 mg/m³       |
| OSHA/PEL: | 5 mg/m³ (respirable dust) | ACGIH/TLV (TWA): | 2 mg/m³ (inhalable fraction - Borate Compounds, inorganic) |

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

Upper/Lower Explosive Limits: Not applicable

Color: Colorless

Vapor Pressure: Not available

Odor: Mild solvent

Vapor Density: Not available

Odor Threshold: Not available

Specific Gravity: 1.012

pH: 9 - 10

Bulk Density: Not applicable

Melting Point: Not applicable

Solubility: Completely soluble

Freezing Point: 32°F (0°C)

Partition coefficient

n-octanol/water: Not available

Boiling Point: 210°F (99°C)

Flash Point (RTCC): >200°F (>93°C)

Auto-ignition Temperature: Not available

Evaporation Rate: Not available

Decomposition Temperature: Not available

Flammability: Not applicable

Viscosity: None, like water

Section 10. Stability and Reactivity

Reactivity: No information available
Section 11. Toxicological Information

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

Potential Acute Health Effects

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

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation: Not available.
Skin Contact: May cause itchiness if 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: Not available
Fertility Effects: Not available

Information on Toxicological Effects

Acute Toxicity

Components: Eye contact is irritating.

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monobutyl Ether</td>
<td>2,124 - 2,700 mg/kg (rat, female)</td>
<td>&gt;2,000 mg/kg</td>
</tr>
<tr>
<td></td>
<td>2,612 - 5,500 mg/kg (rat, male)</td>
<td></td>
</tr>
<tr>
<td>Alkylpolyglycoside Solution</td>
<td>&gt;5,000 mg/kg (rat)</td>
<td>&gt;5,000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>Borax Decahydrate</td>
<td>5,560 mg/kg (rat)</td>
<td>&gt;2,000 mg/kg (rabbit)</td>
</tr>
<tr>
<td></td>
<td>LC50 Inhalation &gt;2 mg/L (rat)</td>
<td></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:**
Not available

**Specific target organ toxicity - single exposure:**
No known significant effects or critical hazards.

**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;28,000 mg/kg</td>
</tr>
</tbody>
</table>

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**Section 12. Ecological Information**

**Toxicity**
Not toxic to aquatic organisms.

**Components**

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity</th>
<th>EC0 Bacteria</th>
<th>EC50 96h Daphnia</th>
<th>LC50 Daphnia magna</th>
<th>LC50/96h Fish</th>
<th>LD50/96h Fish</th>
<th>EC50 Fish</th>
<th>EC50 Algae</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monobutyl Ether</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alkylpolyglycoside solution</td>
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<td></td>
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<td></td>
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</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

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**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.

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**Section 14. Transport Information**

<table>
<thead>
<tr>
<th>UN Number:</th>
<th>Not Regulated</th>
<th>Hazard Class:</th>
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</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>

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**Section 15. Regulatory Information**

<table>
<thead>
<tr>
<th>SARA 311/312:</th>
<th>Immediate acute health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Title III Section 313 EHS:</td>
<td>None</td>
</tr>
<tr>
<td>SARA Title III Section 313 Toxic:</td>
<td>None</td>
</tr>
</tbody>
</table>

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**Section 16. Other Information**

| Date of Issue:              | 26-May-15                   |
| Date of previous issue:     | 26-Jul-11                    |
| Version:                    | 2                            |
| MSDS Number:                | 50008                        |
| Prepared by:                | Janis Thomson                |

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