**Section 1. Identification**

Product Identifier: Multipurpose Stain Remover  
Product Use: Remove stains  
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 Irritation/Damage 2  
Hazard Pictograms: DANGER  
Signal Word: DANGER  
Hazard Statements: Causes serious eye damage. Causes skin irritation.  
Precautionary Statements:  
Prevention  
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 ingredients with non hazardous additions.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Wt%</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>5</td>
<td>7722-84-1</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>1</td>
<td>68439-46-3</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: May cause irritation.  
Skin Contact: May cause irritation. Brief contact may whiten the skin.  
Eye Contact: Causes serious damage.  
Ingestion: Nontoxic if ingested.  
Potential Chronic Health Effects: None known.

**Section 5. Fire-Fighting Measures**

Extinguishing Media: Flood with water. Do not use any other substance.  
Specific hazards arising from the chemical: On decomposition releases oxygen which may intensify fire. In closed unventilated containers, risk of rupture due to the increased pressure from decomposition.  
Hazardous thermal decomposition products: Oxygen
Special protective actions for fire-fighters:
Dilute with water and hold in diked area until H2O2 decomposes. Residual allowed to dry on organic materials may cause material to ignite.

Special protective equipment for fire-fighters:
None

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Wear safety glasses and Nitrile, PVC or neoprene gloves. Use sand as absorbent. Eliminate sources of ignition.

Method and materials for containment and clean up
Dilute small spills with water and mop up. For larger spills dilute with water and absorb with an sand. Place in appropriate waste disposal container. Leave container open until H2O2 completely decomposes. Finish cleaning by spreading cold water on the contaminated surface and mop. Dispose of in accordance with federal, state, and local regulations.

Section 7. Handling and Storage

Precautions for safe handling: Keep containers in cool areas out of direct sunlight and away from combustibles. Store in original, vented container only. Avoid contact with eyes and skin. Wash thoroughly after handling.

Conditions for safe storage: Store in well ventilated area below 80°F (27°C). Do not freeze. Store away from acids and combustibles.

Section 8. Exposure Control/Personal Protection

Occupational Exposure Limits
Hydrogen Peroxide

<table>
<thead>
<tr>
<th>OSHA/PEL:</th>
<th>1 ppm</th>
<th>NIOSH/IDLH:</th>
<th>75 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIOSH/TWA:</td>
<td>1 ppm</td>
<td>ACGIH/TLV:</td>
<td>1 ppm</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls
Maintain adequate ventilation.

Personal Protection
Respiratory Protection: Not required for properly ventilated areas
Skin Protection: Nitrile, PVC or neoprene 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: Odorless
Vapor Density: Not available
Odor Threshold: Not available
Specific Gravity: 1.026
pH: 3.5 - 4.5
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
Chemical Stability: Stable under recommended storage conditions
Possibility of Hazardous Reactions: No information available
Conditions to Avoid: Contamination and excessive heat
Hazardous Decomposition Products: Oxygen which supports combustion.

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: May cause irritation. Brief contact may whiten the skin.
Eye Contact: Causes serious eye damage.
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: The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans). The American Conference of Governmental Industrial Hygienists (ACGIH) has concluded that hydrogen peroxide is a ‘Confirmed Animal Carcinogen with Unknown Relevance to Humans’ (A3).

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:

<table>
<thead>
<tr>
<th>Components</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td></td>
<td></td>
<td></td>
<td>1,193 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&gt;2000 mg/kg (rabbit)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&gt;2160 mg/m³ (mouse) vapors</td>
<td></td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td></td>
<td></td>
<td></td>
<td>1,000 - 2,000 mg/kg (rat)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&gt; 4,000 mg/kg (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: IARC Group 3 - not classifiable as to its carcinogenicity to humans.
ACGIH A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans.

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.

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;10,000 mg/kg</td>
</tr>
</tbody>
</table>

Section 12. Ecological Information

Toxicity: Not expected to have significant environmental effects.

Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Toxicity Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
<td>LC50/96h Fish 16.4 mg/l (Pimephales promelas)</td>
</tr>
<tr>
<td></td>
<td>LC50/24h Daphnia 7.7 mg/l (magna)</td>
</tr>
<tr>
<td></td>
<td>EC50/72h Algae 1.37 mg/l (Skeletonema costatum)</td>
</tr>
<tr>
<td>Alcohols, C9-11, ethoxylated</td>
<td>EC50/48h Daphnia 12 mg/l</td>
</tr>
<tr>
<td></td>
<td>LC50/96h Fish 11 mg/l (fathead minnow)</td>
</tr>
</tbody>
</table>

Persistence and Degradability: Organic ingredients are biodegradable

Bioaccumulative Potential: Material may have some potential to bioaccumulate but will likely degrade in most environments before accumulation can occur.

Mobility in Soil: Will likely be mobile in the environment due to its water solubility but will likely degrade over time.

Other Adverse Effects: Decomposes into oxygen and water.

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

UN Number: Not Regulated
UN Proper Shipping Name: Not applicable
Environmental Hazard: No
Hazard Class: Not applicable
Packaging Group: Not applicable

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: 19-Sep-16
Date of previous issue: 26-May-15
Prepared by: Janis Thomson
MSDS Number: 50056
Version: 3