1. IDENTIFICATION

Product Identifier
Product Name Pre-Treat

Other Means of Identification
Product Code 092000

Recommended use of the Chemical and Restrictions on Use
Recommended Use Carpet cleaner and prespotter. For industrial use.

Details of the Supplier of the Safety Data Sheet
Midlab, Inc.
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number
Company Phone Number Phone: 1-423-337-3180
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Straw Physical State Liquid Odor None

Classification
Skin Corrosion/Irritation Category 3
Serious Eye Damage/Eye Irritation Category 2 Sub-category A
Specific Target Organ Toxicity-Single Exposure Category 2

Signal Word
Warning

Hazard Statements
Causes mild skin irritation.
Causes serious eye irritation.
May cause damage to liver, kidney, central nervous system depression, decreased blood pressure, anxiety, and confusion if ingested.

Precautionary Statements - Prevention
Do not breathe fumes, mists, vapors, or spray.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Wear protective gloves and eye protection.

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 skin irritation occurs: Get medical advice/attention.
IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician.

Precautionary Statements - Storage
Store locked up.

Precautionary Statements - Disposal
Dispose of contents/container in accordance with local, regional, or national regulations.
**Other Hazards**
None known

**Unknown Acute Toxicity**
None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Diethylene Glycol Butyl Ether</td>
<td>112-34-5</td>
<td>5-10</td>
</tr>
<tr>
<td>Tetrapotassium Pyrophosphate</td>
<td>7320-34-5</td>
<td>1-5</td>
</tr>
<tr>
<td>Disodium Capryloampho Dipropionate</td>
<td>Not available</td>
<td>1-5</td>
</tr>
<tr>
<td>Nonylphenoxypolyethoxethanol</td>
<td>68412-54-4</td>
<td>1-5</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

### 4. FIRST-AID MEASURES

**First Aid Measures**

**Eye Contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation develops or persists seek medical attention.

**Skin Contact**
Wash off immediately with plenty of water for at least 15 minutes.

**Inhalation**
Remove to fresh air.

**Ingestion**
Clean mouth with water and drink afterwards plenty of water. If any discomfort persists, obtain medical attention.

**Most Important Symptoms and Effects**

**Symptoms**
Prolonged or repeated exposure can remove natural skin oils and may produce irritation.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to Physician**
Treat symptomatically. May aggravate pre-existing skin disorders.

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

**Unsuitable Extinguishing Media**
Not determined.

**Specific Hazards Arising from the Chemical**
None known.

**Hazardous Combustion Products**
Oxides of carbon.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**
Personal Precautions  Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information. See Section 12 for additional Ecological Information.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Methods for Clean-Up Contain and collect with an inert absorbent and place into an appropriate container for disposal. Rinse area with clean water and dry before permitting traffic.

### 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

**Advice on Safe Handling**  Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes or clothing.

#### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions**  Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children.

**Incompatible Materials**  None listed based on information supplied.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>None listed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Appropriate Engineering Controls

**Engineering Controls**  Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Eyewash stations. Showers.

#### Individual Protection Measures, such as Personal Protective Equipment

**Eye/ Face Protection**  Eye protection should be used when splashing may occur.

**Skin and Body Protection**  Wear protective gloves when handling this product.

**Respiratory Protection**  Under normal conditions, respirator is not normally required.

**General Hygiene Considerations**  Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Appearance</th>
<th>Color</th>
<th>Odor</th>
<th>Odor Threshold</th>
<th>None</th>
<th>Not determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquid</td>
<td>Clear to hazy</td>
<td>Straw</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization does not occur.

Conditions to Avoid
Keep out of reach of children. Avoid excessive heat. Avoid contact with strong oxidizers. Keep from freezing.

Incompatible Materials
Avoid oxidizers, acids, and alkalis.

Hazardous Decomposition Products
Thermal decomposition may produce oxides of carbon, phosphorus oxides, potassium oxides, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact
Avoid contact with eyes.

Skin Contact
Avoid contact with skin.

Inhalation
Avoid breathing vapors or mists.

Ingestion
Do not taste or swallow.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene Glycol Butyl Ether</td>
<td>3384 mg/kg (Rat)</td>
<td>2700 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>
Information on Physical, Chemical and Toxicological Effects

Symptoms
Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene Glycol Butyl Ether 112-34-5</td>
<td>100: 96 h Desmodesmus subspicatus mg/L EC50</td>
<td>1300: 96 h Lepomis macrochirus mg/L LC50</td>
<td>-</td>
<td>2850: 24 h Daphnia magna mg/L EC50 100: 48 h</td>
</tr>
<tr>
<td>Tetrapotassium Pyrophosphate 7320-34-5</td>
<td>-</td>
<td>&gt;100mg/L (96hr) Rainbow trout</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Nonylphenoxypolyethoxyethanol 68412-54-4</td>
<td>-</td>
<td>&gt;3.8mg/L (96hr) Fathead minnow</td>
<td>&gt;1000mg/L (16hr) Bacteria</td>
<td>&gt;9.3mg/L (48hr) Daphnia</td>
</tr>
</tbody>
</table>

Persistence/Degradability
Not expected to persist.

Bioaccumulation
Not expected to bioaccumulate.

Mobility
Not determined

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes
Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging
Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
The following ingredients appear on various state right to know lists and/or California's Proposition 65 List:

<table>
<thead>
<tr>
<th>ID</th>
<th>FL</th>
<th>CA</th>
<th>CT</th>
<th>AZ</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None known</td>
<td>US State Right...</td>
<td>None Listed</td>
<td>None listed</td>
</tr>
<tr>
<td></td>
<td>CERC</td>
<td>US State Chemicals...</td>
<td>Immediate (Acute) Health</td>
<td>Immediate (Acute) Health</td>
</tr>
<tr>
<td></td>
<td>SARA 311/312 Hazard Categories</td>
<td>SARA 313</td>
<td>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</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CAS No</td>
<td>Weight-%</td>
<td>SARA 313 - Threshold Values %</td>
<td></td>
</tr>
<tr>
<td>Diethyleneglycol Butyl Ether</td>
<td>112-34-5</td>
<td>5-10</td>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>

**CWA (Clean Water Act)**
None known.

**US State Regulations**
None known.

**California Proposition 65**
This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**
The following ingredients appear on various state right to know lists and/or California's Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>State List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethyleneglycol Monobutyl Ether</td>
<td>NJ &amp; PA</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>AZ: Arizona Ambient Air Quality Guidelines</td>
<td>IL- Illinois Toxic Air Contaminate- Carcinogenic</td>
</tr>
<tr>
<td>CT: Connecticut Hazardous Air Pollutants</td>
<td>MA- Massachusetts Right to Know List</td>
</tr>
<tr>
<td>CA: California Director's List of Hazardous Substances</td>
<td>MN- Minnesota Hazardous Substances List</td>
</tr>
<tr>
<td>CAP65: California Prop65</td>
<td>NJ- New Jersey Right to Know List</td>
</tr>
<tr>
<td>FL: Florida Substances List</td>
<td>PA- Pennsylvania Right to Know List</td>
</tr>
<tr>
<td>ID: Idaho Non-Carcinogen Toxic Air Pollutants</td>
<td>RI- Rhode Island Hazardous Substances List</td>
</tr>
</tbody>
</table>

**15. REGULATORY INFORMATION**

**International Inventories**
Not determined

**Legend:**
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IESCC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations**

**CERCLA**
None Listed

**SARA 311/312 Hazard Categories**
Immediate (Acute) Health.
Delayed (Chronic) Health.

**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

**CWA (Clean Water Act)**
None known.

**US State Regulations**
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</tr>
</tbody>
</table>

**16. OTHER INFORMATION**
<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
<tr>
<td>HMIS</td>
<td>Health Hazards</td>
<td>Flammability</td>
<td>Physical Hazards</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Issue Date**: 08-Aug-2011  
**Revision Date**: 22-Nov-2013  
**Revision Note**: Update format Version 1.0

**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.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet