1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 1 GREASY FOOD & RED BEVERAGE Carpet Spotter

MANUFACTURER
The Butcher Company
67 Forest Street
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475
Emergency Telephone (24 hours): 800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>CAS NO.</th>
<th>% BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>7 – 10</td>
</tr>
<tr>
<td>Tripropylene glycol methyl ether</td>
<td>25498-49-1</td>
<td>5 – 7</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>68131-39-5</td>
<td>3 – 5</td>
</tr>
<tr>
<td>Alpha olefin sulfonate</td>
<td>68439-57-6</td>
<td>1 – 3</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>1 – 3</td>
</tr>
</tbody>
</table>

See Section 8 for Exposure Limits
NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.
WHMIS CLASS: Class D- Division 2B

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(s) OF EXPOSURE:  
- X Eye
- X Skin Contact
- ___ Skin Absorption
- X Inhalation
- X Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES:
May cause eye irritation. Symptoms may include redness and pain.

SKIN:
May cause mild skin irritation. Symptoms may include redness.

INHALATION:
High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.
INGESTION:
May cause mouth, throat and stomach irritation. Symptoms may include nausea, vomiting and diarrhea. May also cause central nervous system effects including headache, dizziness and weakness.

EFFECTS OF CHRONIC EXPOSURE:
Prolonged or repeated contact may cause skin irritation.

MEDICAL CONDITIONS AGGRAVATED:
May aggravate pre-existing eye, skin and respiratory conditions.

4. FIRST AID MEASURES

EYES:
Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention.

SKIN:
Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

INHALATION:
Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

INGESTION:
Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: >200°F 93°C TCC

FLAMMABLE LIMITS:
Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA:
Use extinguishing media appropriate for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS:
Normal products of combustion (carbon monoxide and carbon dioxide), nitrogen oxides and sulfur oxides.

FIRE AND EXPLOSION HAZARDS:
None known.
FIRE FIGHTING INSTRUCTIONS: 
This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

6. ACCIDENTAL RELEASE MEASURES

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Contain and isolate spill. Keep non-essential personnel from entering spill area. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

7. HANDLING AND STORAGE

HANDLING:
Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

STORAGE:
Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE:
Where eye contact is possible, wear safety glasses with side shields or chemical splash goggles (ANSI Z87.1 approved).

SKIN:
Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

RESPIRATORY:
No respiratory protection is required if ventilation is adequate.

ENGINEERING CONTROLS:
Good general room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.
1. GREASY FOOD & RED BEVERAGE
Carpet Spotter

Date Prepared: 08/17/2000
Date Revised: 08/24/2000

EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>OSHA PEL/STEL</th>
<th>ACGIH TLV/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Tripropylene glycol methyl ether</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Alpha olefin sulfonate</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>NA</td>
<td>5 mg/m3</td>
</tr>
</tbody>
</table>

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild
APPEARANCE: Clear, Light Yellow
pH: 7.3 to 7.7
PERCENT VOLATILE BY WEIGHT: 89
VAPOR PRESSURE: Not Available
VAPOR DENSITY: Not Available
BOILING POINT: 212°F 100°C
MELTING POINT: 30°F - 1°C
SOLUBILITY IN WATER: Complete
EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.006 to 1.010
VISCOSITY: Water Thin
OCTANOL/WATER PARTITION COEFFICIENT: Not Available
ODOR THRESHOLD: Not Available

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID):
Stable.

POLYMERIZATION:
Will not occur.

HAZARDOUS DECOMPOSITION:
None known.

INCOMPATIBLE MATERIALS:
Oxidizers (e.g., bleach).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:
No data is available for this product. The following data are available for product ingredients:
<table>
<thead>
<tr>
<th>PRODUCT/INGREDIENT</th>
<th>ORAL LD&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
<th>DERMAL LD&lt;sub&gt;50&lt;/sub&gt; (rabbit)</th>
<th>INHALATION LC&lt;sub&gt;50&lt;/sub&gt; (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>5660 mg/kg</td>
<td>4120 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Tripropylene glycol methyl ether</td>
<td>3200 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>2500–3200 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Alpha olefin sulfonate</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>4000–9110 mg/kg</td>
<td>2000 mg/kg</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

SENSITIZATION DATA:
No data available.

CHRONIC DATA:
Prolonged overexposure to high concentrations of tripropylene glycol methyl ether by dermal absorption has caused kidney effects in laboratory animals. Prolonged overexposure to high concentrations of triethanolamine by ingestion and dermal absorption has caused minor liver and kidney effects in laboratory animals.

REPRODUCTIVE/TERATOGENIC DATA:
No data available.

CARCINOGENIC/MUTAGENIC DATA:
Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS:
No data available.

12. ECOLOGICAL INFORMATION
This product is made with all biodegradable detergents. No other data available.

13. DISPOSAL CONSIDERATIONS
Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION
DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

15. REGULATORY INFORMATION
Not meant to be all-inclusive—selected regulations represented.
1 GREASY FOOD & RED BEVERAGE
Carpet Spotter

UNITED STATES
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard categories:
Immediate, Delayed.
313 REPORTABLE INGREDIENTS: Diethylene glycol monobutyl ether is subject to the reporting requirements
of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part
372 under the chemical category Glycol Ethers.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA STATUS: This product complies with all TSCA inventory requirements.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>CAS NO.</th>
<th>STATE LISTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Diethylene glycol monobutyl ether</td>
<td>112-34-5</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Tripropylene glycol methyl ether</td>
<td>25498-49-1</td>
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<td>Linear primary alcohol ethoxylate</td>
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</tr>
<tr>
<td>Alpha olefin sulfonate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>MA, PA</td>
</tr>
</tbody>
</table>

NA - Not Applicable

CANADA
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
Class D-Division 2B, eye irritant. This product has been classified in accordance with the hazard criteria of the
Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the
CPR.

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS RATING</th>
<th>NFPA RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>0</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>-</td>
</tr>
</tbody>
</table>
This MSDS replaces the August 17, 2000 MSDS. Any changes in information are as follows:

APPROVED BY: EH&S/Regulatory Affairs
APPROVAL DATE: 08/24/2000

The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.