1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 37 SHOCKWAVE Maximum Power Cleaner/Degreaser Ready-to-Use
A 1:5, 1:12, 1:16, 1:32 or 1:128 dilution of 37 SHOCKWAVE Maximum Power Cleaner/Degreaser Concentrate

Product Synonyms: Command Center 37 SHOCKWAVE Maximum Power Cleaner/Degreaser Ready-to-Use
Outpost 37 SHOCKWAVE Maximum Power Cleaner/Degreaser Ready-to-Use
A 1:12 dilution of Outpost 37 SHOCKWAVE Maximum Power Cleaner/Degreaser Concentrate

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

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>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>1 – 3</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>34398-01-1</td>
<td>1 – 1.5</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>1 – 1.5</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>0.25 – &lt;1.0</td>
</tr>
</tbody>
</table>

See Section 8 for Exposure Limits NA - Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Clear, Purple Liquid. Mild, Solvent Odor. May Cause Eye and Skin Irritation.

POTENTIAL HEALTH EFFECTS (See Section II for Toxicological Information)
PRIMARY ROUTE(s) OF EXPOSURE:  X  Eye     X  Skin Contact       X  Skin Absorption
                                 X  Inhalation     X  Ingestion

EFFECTS OF ACUTE EXPOSURE
EYES:
May cause eye irritation. Symptoms may include redness and pain.

SKIN:
May cause skin irritation. Symptoms may include redness, rash and mild swelling.
INHALATION:
High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing.

INGESTION:
May cause mouth, throat and stomach irritation. Symptoms may include nausea, vomiting and diarrhea.

EFFECTS OF CHRONIC EXPOSURE:
None known.

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 medical attention.

5. FIRE FIGHTING MEASURES

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

FLAMMABLE LIMITS:
Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINCTION MEDIA:
Use water fog, dry chemical, CO2, or foam.

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

FIRE AND EXPLOSION HAZARDS:
None known.
FIRE FIGHTING INSTRUCTIONS:
Evacuate area. Cool containers exposed to fire with water. 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 and skin. 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 skin contact is possible, chemical-resistant clothing (e.g., gloves) should be worn.

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

ENGINEERING CONTROLS:
General room ventilation is expected to be adequate.
37 SHOCKWAVE Maximum Power
Cleaner/Degreaser Ready-to-Use

Date Prepared: 05/26/1999
Date Revised: 01/28/2000

EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>INGREDIENT(S)</th>
<th>OSHA PEL/STEL</th>
<th>ACGIH TLV/STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium xylene sulfonate</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>2 mg/m3 /(Ceiling)</td>
<td>2 mg/m3 /(Ceiling)</td>
</tr>
</tbody>
</table>

NE - Not Established

9. PHYSICAL AND CHEMICAL PROPERTIES

- PHYSICAL STATE: Liquid
- ODOR: Mild, Solvent
- APPEARANCE: Clear, Purple
- pH: 12.8
- PERCENT VOLATILE BY WEIGHT: 95
- VAPOR PRESSURE: Not Determined
- VAPOR DENSITY: Not Determined
- BOILING POINT: Not Determined
- FREEZING/MELTING POINT: Not Determined
- SOLUBILITY IN WATER: Complete
- EVAPORATION RATE: Not Determined
- SPECIFIC GRAVITY: 1.0
- VISCOSITY: Water Thin
- OCTANOL/WATER PARTITION COEFFICIENT: Not Determined
- ODOR THRESHOLD: Not Determined

10. STABILITY AND REACTIVITY

- STABILITY (CONDITIONS TO AVOID):
  Stable.

- POLYMERIZATION:
  Will not occur.

- HAZARDOUS DECOMPOSITION:
  None.

- INCOMPATIBLE MATERIALS:
  Oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and reactive metals (e.g., aluminum).

11. TOXICOLOGICAL INFORMATION

- ACUTE DATA:
  This product may cause eye and skin irritation at its strongest recommended dilution. The following data are available for product ingredients:
### 37 SHOCKWAVE Maximum Power
Cleaner/Degreaser Ready-to-Use

<table>
<thead>
<tr>
<th>PRODUCT/INGREDIENT</th>
<th>ORAL LD_{50} (rat)</th>
<th>DERMAL LD_{50} (rabbit)</th>
<th>INHALATION LC_{50} (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium xylene sulfonate</td>
<td>650–4000 mg/kg</td>
<td>3000 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>700–1700 mg/kg</td>
<td>&gt;2000 mg/kg</td>
<td>Not Available</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>1230 mg/kg</td>
<td>2000 mg/kg</td>
<td>1000 ppm (8-hr)</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>Not Available</td>
<td>1350 mg/kg</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**SENSITIZATION DATA:**
No data available.

**CHRONIC DATA:**
Prolonged overexposure to benzyl alcohol by ingestion and inhalation has caused central nervous system effects in humans and 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, at its strongest recommended use dilution, is a RCRA hazardous waste (Corrosive-D002) 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.*

**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: Ingredients in this product are not currently subject to notification.
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>Sodium xylene sulfonate</td>
<td>1300-72-7</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Linear primary alcohol ethoxylate</td>
<td>34398-01-1</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>MA, PA</td>
</tr>
</tbody>
</table>

NA - Not Applicable

CANADA
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):
Class D-Division 2B; 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>FIRE</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>HEALTH</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>REACTIVITY</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>SPECIAL</td>
</tr>
</tbody>
</table>