



## MATERIAL SAFETY DATA SHEET

**RIPTIDE II Foaming Shower Room  
Cleaner**

Date Prepared: 01/27/1999  
Date Revised: 01/19/2000

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: RIPTIDE II Foaming Shower Room Cleaner  
35 RIPTIDE II Foaming Shower Room Cleaner Concentrate;  
Command Center 35 RIPTIDE II Foaming Shower Room Cleaner Concentrate

#### MANUFACTURER

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

Butcher Telephone Number: 800-225-9475  
Emergency Telephone (24 hours): 800-228-5635

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| <u>INGREDIENT(S)</u>              | <u>CAS NO.</u> | <u>% BY WEIGHT</u> |
|-----------------------------------|----------------|--------------------|
| Organic acid salt                 | 506-89-8       | 10 - 25            |
| 2-Butoxyethanol                   | 111-76-2       | 3 - 5              |
| Cocamidopropylaminobetaine        | 61789-40-0     | 1 - 3              |
| Lauryl dimethylamine oxide        | 1643-20-5      | 1 - 1.5            |
| Linear primary alcohol ethoxylate | 34398-01-1     | 1 - 1.5            |

*See Section 8 for Exposure Limits*      *NA - Not Applicable*

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Pink Liquid. Wintergreen Odor. Causes Eye Irritation. May Cause Skin Irritation. May Cause Respiratory Tract Irritation. May Be Harmful if Swallowed.

#### POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE:  Eye       Skin Contact       Skin Absorption  
 Inhalation       Ingestion

#### EFFECTS OF ACUTE EXPOSURE

##### EYES:

May cause severe eye irritation. Symptoms may include pain, tearing, redness, and clouding of the eye surface.

##### 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 and a burning sensation in the nose and throat.

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**INGESTION:**

Harmful if swallowed. May cause mouth, throat and stomach burns. Symptoms may include nausea, vomiting, diarrhea, and severe stomach pain. May also cause central nervous system effects including headache, dizziness and weakness.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged contact may cause severe skin irritation. Symptoms may include pain, redness, rash, and swelling.

**MEDICAL CONDITIONS AGGRAVATED:**

May aggravate pre-existing eye, skin and respiratory conditions.

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**4. FIRST AID MEASURES**

**EYES:**

Immediately 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 immediate medical attention.

**SKIN:**

Flush thoroughly with plenty of water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops or persists. Thoroughly wash (or discard) clothing and shoes before reuse.

**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.

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**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) and nitrogen oxides. Hydrogen and chlorine.

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**FIRE AND EXPLOSION HAZARDS:**

At elevated temperatures (140 F/60 C) can react with common metals to form potentially explosive hydrogen gas.

**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. Ventilate spill area. Contain and isolate spill. Keep non-essential personnel from entering spill area. Use mop and absorbent to collect material for proper disposal. Use non-metallic implements for cleaning and collection. 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 skin, eyes and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Wash thoroughly after handling. Remove contaminated 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 general room ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits are exceeded, use appropriate respiratory protection (NIOSH/MSHA) to prevent overexposure.

**ENGINEERING CONTROLS:**

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.

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**EXPOSURE LIMITS:**

| <u>INGREDIENT(S)</u>              | <u>OSHA PEL/STEL</u>          | <u>ACGIH TLV/STEL</u>         |
|-----------------------------------|-------------------------------|-------------------------------|
| Organic acid salt                 | NE                            | NE                            |
| 2-Butoxyethanol                   | 25 ppm (120 mg/m3)/<br>(Skin) | 25 ppm (121 mg/m3)/<br>(Skin) |
| Cocamidopropylaminobetaine        | NE                            | NE                            |
| Lauryl dimethylamine oxide        | NE                            | NE                            |
| Linear primary alcohol ethoxylate | NE                            | NE                            |

NE - Not Established

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: Wintergreen  
APPEARANCE: Clear, Pink  
pH: 0.3 to 1.2  
PERCENT VOLATILE BY WEIGHT: 80  
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: 1.05  
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 bases (e.g., sodium hydroxide) and reactive metals (e.g., aluminum).

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

No data is available for this product. The following data are available for product ingredients:

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| <u>PRODUCT/INGREDIENT</u>         | <u>ORAL LD<sub>50</sub> (rat)</u> | <u>DERMAL LD<sub>50</sub> (rabbit)</u> | <u>INHALATION LC<sub>50</sub> (rat)</u> |
|-----------------------------------|-----------------------------------|--|---|
| Organic acid salt                 | 1121 mg/kg                        | Not Available                          | Not Available                           |
| 2-Butoxyethanol                   | 470 mg/kg                         | 220 mg/kg                              | 450 ppm (4-hr)                          |
| Cocamidopropylaminobetaine        | Not Available                     | Not Available                          | Not Available                           |
| Lauryl dimethylamine oxide        | 400 mg/kg                         | Not Available                          | Not Available                           |
| Linear primary alcohol ethoxylate | 700–1700 mg/kg                    | >2000 mg/kg                            | Not Available                           |

**SENSITIZATION DATA:**

No data available.

**CHRONIC DATA:**

Prolonged overexposure to high concentrations of 2-butoxyethanol by skin absorption, ingestion and inhalation has caused blood, 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 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.*

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**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: 2-Butoxyethanol 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:**

| <u>INGREDIENT(S)</u>       | <u>CAS NO.</u> | <u>STATE LISTING</u> |
|----------------------------|----------------|----------------------|
| Water                      | 7732-18-5      | Not Listed           |
| Organic acid salt          | 506-89-8       | Not Listed           |
| 2-Butoxyethanol            | 111-76-2       | MA, NJ, PA           |
| Cocamidopropylaminobetaine | 61789-40-0     | Not Listed           |
| Lauryl dimethylamine oxide | 1643-20-5      | Not Listed           |

NA - Not Applicable

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):**

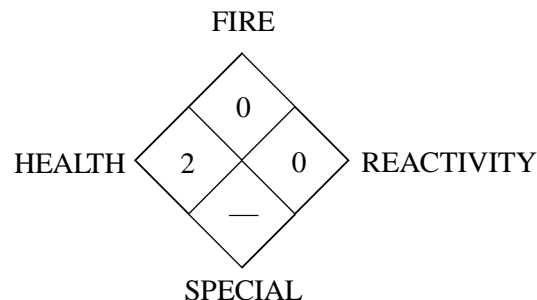
Class D-Division 2B, eye and skin irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS RATING**

|                     |   |   |
|---------------------|---|---|
| HEALTH              | * | 2 |
| FLAMMABILITY        |   | 0 |
| REACTIVITY          |   | 0 |
| PERSONAL PROTECTION |   | - |

**NFPA RATING**



**MSDS STATUS**

Revision #: 2

This MSDS replaces the January 27, 1999 MSDS. Any changes in information are as follows:

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APPROVED BY: EH&S/Regulatory Affairs  
APPROVAL DATE: 01/19/2000

*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.*