



# MATERIAL SAFETY DATA SHEET

RIP TIDE Foaming Shower Room Cleaner and Deodorizer

Date Prepared: 06/04/1997  
Date Revised: 06/29/1997

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: RIP TIDE Foaming Shower Room Cleaner and Deodorizer

### MANUFACTURER

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

Butcher Telephone Number: 800-225-9475  
Emergency Telephone (24 hours): 800-228-5635 Ext 118

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Phosphoric acid	7664-38-2	10 - 25
2-Butoxyethanol	111-76-2	3 - 5
Isopropylamine dodecylbenzenesulfonate	26264-05-1	1 - 1.5

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

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
Clear, Pink Liquid. Fresh Odor. May Cause Eye and Skin Burns. 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 eye burns. Symptoms may include pain, tearing, redness, swelling, and eye injury.

#### SKIN:

Causes severe skin irritation. Symptoms may include pain, redness, rash, and swelling.

#### INHALATION:

High concentrations of vapor or mist may cause nose, throat, and respiratory tract irritation. Symptoms may include a burning sensation in the nose and throat, coughing, wheezing, and shortness of breath.

#### 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.

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**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged contact may cause skin burns. Symptoms may include pain, redness, swelling, scarring, and skin damage.

**MEDICAL CONDITIONS AGGRAVATED:**

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

**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:**

Immediately flush with plenty of water for at least 15 minutes, then wash with soap and water. Immediately remove contaminated clothing. Get medical attention if irritation develops or persists. Thoroughly wash (or discard) clothing before reuse. Destroy contaminated shoes.

**INHALATION:**

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

**INGESTION:**

Do not induce vomiting. Rinse mouth out with water. 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:** Not applicable.

**FLAMMABLE LIMITS:**

Not applicable.

**AUTOIGNITION TEMPERATURE:** Not applicable.

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate for surrounding fire.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of phosphorus.

**FIRE AND EXPLOSION HAZARDS:**

Phosphoric acid 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. 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 eyes, skin and clothing. Avoid breathing mist. Wash thoroughly after handling. Immediately remove contaminated clothing. Wash clothing and equipment before reuse. Destroy contaminated shoes.

### **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 chemical splash goggles (ANSI Z87.1-approved).

#### **SKIN:**

Where skin contact is possible, chemical-resistant gloves should be worn. When additional skin contact is possible, other protective equipment and clothing (e.g., footwear) may be needed. All contaminated clothing should be removed immediately and cleaned (or discarded) before reuse.

#### **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. For phosphoric acid, use an approved respirator equipped with an acid gas cartridge.

### **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>
Phosphoric acid	1 mg/m <sup>3</sup> /3 mg/m <sup>3</sup>	1 mg/m <sup>3</sup> /3 mg/m <sup>3</sup>
2-Butoxyethanol	25 ppm (120 mg/m <sup>3</sup> )/ (Skin)	25 ppm (121 mg/m <sup>3</sup> )/ (Skin)
Isopropylamine dodecylbenzenesulfonate	NE	NE

NE - Not Established

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: Fresh  
APPEARANCE: Clear, Pink  
pH: 1.3 to 2.3  
PERCENT VOLATILE BY WEIGHT: 78  
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: 1.1  
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>
Phosphoric acid	3500 mg/kg	1260 mg/kg	Not determined
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm (4-hr)
Isopropylamine dodecylbenzenesulfonate	760 mg/kg	Not Available	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**

No 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: Corrosive.  
DOT/TDG TECHNICAL NAME: Phosphoric acid solution.  
DOT/TDG HAZARD CLASS: 8  
UN ID No./P.I.N. No.: 1805  
DOT/TDG PACKING GROUP: III  
NAERG: 154

**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 (under the chemical category Glycol Ethers) and phosphoric acid are 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.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

CERCLA REGULATORY: Not 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
Phosphoric acid	7664-38-2	MA, NJ, PA
2-Butoxyethanol	111-76-2	MA, NJ, PA
Isopropylamine dodecylbenzenesulfonate	26264-05-1	Not Listed

NA - Not Applicable

**CANADA**

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

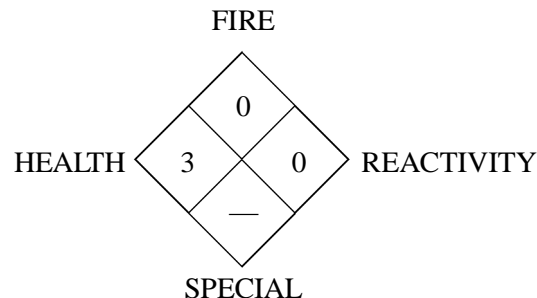
Class E- Corrosive material. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	*	3
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

**NFPA RATING**



**MSDS STATUS**

New MSDS

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APPROVED BY: EH&S/Regulatory Affairs  
APPROVAL DATE: 06/29/1997

*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.*