



## MATERIAL SAFETY DATA SHEET

Rough Rider MEATROOM DEGREASER

Date Prepared: 11/04/1997  
Date Revised: 11/25/1997

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: Rough Rider MEATROOM DEGREASER

#### 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

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>% BY WEIGHT</u>
Naphthalene sodium sulfonate	26264-58-4	7 - 10
Potassium hydroxide	1310-58-3	3 - 5
Trisodium phosphate	7601-54-9	1 - 3
Sodium dodecylbenzene sulfonate	25155-30-0	3 - 5

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

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Red Liquid. No Odor. Causes Eye and Skin Burns. 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:

Causes eye burns. Symptoms may include pain, tearing, redness, and eye injury.

##### SKIN:

Causes skin burns. Symptoms may include pain, redness, swelling, scarring, and skin damage.

##### INHALATION:

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include 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.

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**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged inhalation of high concentrations of concentrated alkaline materials above exposure limits (See Section 8, Exposure Controls/Personal Protection) can cause respiratory tract injury.

**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: >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), phosphorous oxides, sulfur oxides, and sodium oxides.

**FIRE AND EXPLOSION HAZARDS:**

None known.

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**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 eyes, skin and clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Immediately remove contaminated clothing. Wash clothing and equipment before reuse. Destroy contaminated shoes. Empty containers retain residue and may be hazardous (See Section 14, Transport Information.).

**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 ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits may be exceeded, use appropriate respiratory protection (NIOSH/MSHA-approved) 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>
Naphthalene sodium sulfonate	NE	NE
Potassium hydroxide	2 mg/m <sup>3</sup> /(Ceiling)	2 mg/m <sup>3</sup> /(Ceiling)
Trisodium phosphate	NE	NE
Sodium dodecylbenzene sulfonate	NE	NE

NE - Not Established

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid  
ODOR: No  
APPEARANCE: Clear, Red  
pH: 13.0 to 13.9  
PERCENT VOLATILE BY WEIGHT: 85  
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: 1.06  
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 is corrosive to the eyes and skin. The following data are available for product ingredients:

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PRODUCT/INGREDIENT	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Naphthalene sodium sulfonate	Not Available	Not Available	Not Available
Trisodium phosphate	7400 mg/kg	7910 mg/kg	Not Available
Sodium dodecylbenzene sulfonate	438 mg/kg	Not Available	Not Available

### SENSITIZATION DATA:

No data available.

### CHRONIC DATA:

Repeated inhalation of high concentrations of alkaline materials has been reported to cause impairment of lung function with shortness of breath, chemical pneumonia and pulmonary edema.

### 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 Liquid, N.O.S.  
DOT/TDG TECHNICAL NAME: Potassium hydroxide solution  
DOT/TDG HAZARD CLASS: 8  
UN ID No./P.I.N. No.: 1824  
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: Ingredients in this product are not currently subject to notification.

**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.

**USDA (U.S. DEPARTMENT OF AGRICULTURE):**

This product is authorized for use in federally inspected meat and poultry plants.

**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
Naphthalene sodium sulfonate	26264-58-4	Not Listed
Potassium hydroxide	1310-58-3	MA, NJ, PA
Trisodium phosphate	7601-54-9	MA, NJ, PA
Sodium dodecylbenzene sulfonate	25155-30-0	MA, NJ, PA

NA - Not Applicable

**CANADA**

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

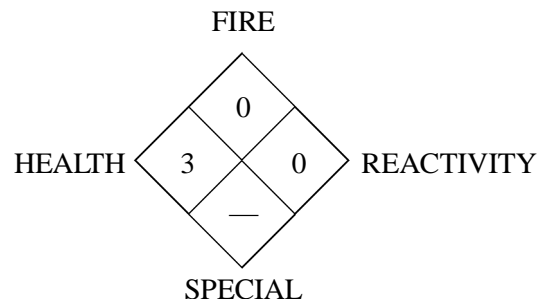
Class E- Corrosive material. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	*	3
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

**NFPA RATING**



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MSDS STATUS

New MSDS

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 11/25/1997

*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.*