



MATERIAL SAFETY DATA SHEET

CLEAN BREAK No Rinse Stripper

Date Prepared: 11/30/2000
Date Revised: 11/30/2000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: CLEAN BREAK No Rinse Stripper

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

| INGREDIENT(S) | CAS NO. | % BY WEIGHT |
|---|----------|-------------|
| Ethylene glycol phenyl ether | 122-99-6 | 7 - 10 |
| Diethylene glycol monobutyl ether | 112-34-5 | 5 - 7 |
| Amino alcohol, NJ Trade Secret Registry #11173400-5065P | NA | 3 - 5 |

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
Clear, Light Yellow Liquid. Mild Odor. Causes Eye Irritation. May Cause Skin Irritation.

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 irritation. Symptoms may include redness and pain.

SKIN:

Causes 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) and nitrogen 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 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 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.

EXPOSURE LIMITS:

| <u>INGREDIENT(S)</u> | <u>OSHA PEL/STEL</u> | <u>ACGIH TLV/STEL</u> |
|--|----------------------|-----------------------|
| Ethylene glycol phenyl ether | NA | NA |
| Diethylene glycol monobutyl ether | NA | NA |
| Amino alcohol, NJ Trade Secret Registry #11173400-5065P | NA | NA |

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
 ODOR: Mild
 APPEARANCE: Clear, Light Yellow
 pH: 9.8 to 10.8
 PERCENT VOLATILE BY WEIGHT: 98
 VAPOR PRESSURE: Not Available
 VAPOR DENSITY: Not Available
 BOILING POINT: Not Available
 FREEZING/MELTING POINT: Not Available
 SOLUBILITY IN WATER: Complete
 EVAPORATION RATE: Not Available
 SPECIFIC GRAVITY: 1.01
 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) and strong acids (e.g., hydrochloric acid).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:
This product is a moderate eye irritant and a mild skin irritant. Based on acute toxicity testing, it is not considered to be toxic by ingestion or skin absorption. The following data are available for this product and its ingredients:

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| <u>PRODUCT/INGREDIENT</u> | <u>ORAL LD₅₀ (rat)</u> | <u>DERMAL LD₅₀ (rabbit)</u> | <u>INHALATION LC₅₀ (rat)</u> |
|--|-----------------------------------|--|---|
| CLEAN BREAK No Rinse Stripper | >5000 mg/kg | >2000 mg/kg | Not Available |
| Ethylene glycol phenyl ether | 1260 mg/kg | 5000 mg/kg | Not Available |
| Diethylene glycol monobutyl ether | 5660 mg/kg | 4120 mg/kg | Not Available |
| Amino alcohol, NJ Trade Secret Registry #11173400-5065P | 2098 mg/kg | 1851 mg/kg | Not Available |

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

Prolonged overexposure to high concentrations of ethylene glycol phenyl ether by ingestion has caused blood effects in laboratory animals. Prolonged overexposure to high concentrations of the amino alcohol by ingestion has caused 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 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.

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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: Diethylene glycol monobutyl ether and ethylene glycol phenyl ether 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 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 |
| Ethylene glycol phenyl ether | 122-99-6 | Not Listed |
| Diethylene glycol monobutyl ether | 112-34-5 | Not Listed |
| Amino alcohol, NJ Trade Secret Registry #11173400-5065P | NA | MA, PA |
| Tall oil fatty acid | 61790-12-3 | 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.

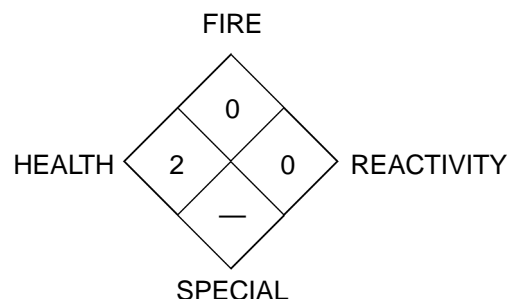
EXEMPTION REG. NO.: Claim for exemption filed.

16. OTHER INFORMATION

HMIS RATING

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

NFPA RATING



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MSDS STATUS

Revision #: 1

This MSDS replaces the November 25, 1997 MSDS. Any changes in information are as follows:

In Section 1

Date Prepared [] Print CHEMTREC Phone Number

In Section 9

(Group Field) for Vapor Pressure (Group Field) for Vapor Pressure Density Odor Threshold (Group Field) for Boiling Point (Group Field) for Freezing Point Specific Gravity (From) (Group Field) for Evaporation Rate Coeff Oil/Water

In Section 11

Dermal LD50 (Operator) Dermal LD50 (Value) Dermal LD50 (Unit) Toxicological

In Section 15

OSHA Hazard Comm. Rule WHMIS Class

In Section 16

NFPA Health

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 11/30/2000

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.