



MATERIAL SAFETY DATA SHEET

CROSS CUT All-Purpose Butyl-Based
Cleaner/Degreaser

Date Prepared: 05/12/1999
Date Revised: 05/12/1999

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: CROSS CUT All-Purpose Butyl-Based Cleaner/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>
2-Butoxyethanol	111-76-2	7 - 10
Sodium carbonate	497-19-8	3 - 5
Sodium xylene sulfonate	1300-72-7	1 - 3
Dodecylbenzenesulfonic acid	27176-87-0	1 - 3

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, Pink Liquid. Solvent Odor. May Cause Eye and Skin 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 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. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

**CROSS CUT All-Purpose Butyl-Based
Cleaner/Degreaser**

Date Prepared: 05/12/1999
Date Revised: 05/12/1999

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:

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 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.

5. FIRE FIGHTING MEASURES

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

FLAMMABLE LIMITS:

Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING 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. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.

**CROSS CUT All-Purpose Butyl-Based
Cleaner/Degreaser**

Date Prepared: 05/12/1999
Date Revised: 05/12/1999

EXPOSURE LIMITS:

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
2-Butoxyethanol	25 ppm (120 mg/m3)/ (Skin)	25 ppm (121 mg/m3)/ (Skin)
Sodium carbonate	NE	NE
Sodium xylene sulfonate	NE	NE
Dodecylbenzenesulfonic acid	NE	NE

NE - Not Established

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Solvent
APPEARANCE: Clear, Pink
pH: 11.5 to 12.5
PERCENT VOLATILE BY WEIGHT: 88
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: 1.07
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:
Strong acids (e.g., hydrochloric) and oxidizers (e.g., bleach).

11. TOXICOLOGICAL INFORMATION

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

**CROSS CUT All-Purpose Butyl-Based
Cleaner/Degreaser**

Date Prepared: 05/12/1999
Date Revised: 05/12/1999

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm (4-hr)
Sodium carbonate	4090 mg/kg	Not Available	2300 mg/m ³ (2-hr)
Sodium xylene sulfonate	4000 mg/kg	3000 mg/kg	Not Available
Dodecylbenzenesulfonic acid	650 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

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, may be a RCRA hazardous waste in accordance with 40 CFR 261. The product's pH should be verified prior to disposal. 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.

**CROSS CUT All-Purpose Butyl-Based
Cleaner/Degreaser**

Date Prepared: 05/12/1999
Date Revised: 05/12/1999

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: 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
2-Butoxyethanol	111-76-2	MA, NJ, PA
Sodium carbonate	497-19-8	Not Listed
Sodium xylene sulfonate	1300-72-7	Not Listed
Dodecylbenzenesulfonic acid	27176-87-0	MA, NJ, PA

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

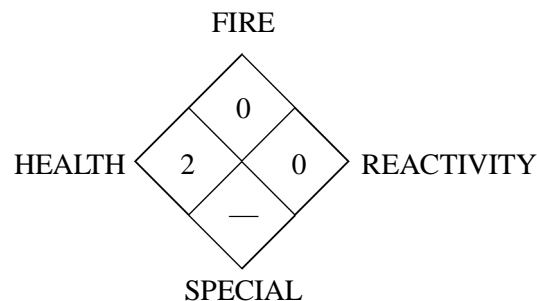
Class D-Division 2B, eye and skin irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

HEALTH	*	2
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

NFPA RATING



MSDS STATUS

New MSDS

**CROSS CUT All-Purpose Butyl-Based
Cleaner/Degreaser**

Date Prepared: 05/12/1999
Date Revised: 05/12/1999

APPROVED BY: EH&S/Regulatory Affairs
APPROVAL DATE: 05/12/1999

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.