



MATERIAL SAFETY DATA SHEET

BROADSIDE Pot & Pan Cleaner

Date Prepared: 09/18/1997
Date Revised: 01/19/2000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: BROADSIDE Pot & Pan Cleaner
27 BROADSIDE Pot & Pan Cleaner Concentrate;
Command Center 27 BROADSIDE Pot & Pan 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>
Sodium dodecylbenzene sulfonate	25155-30-0	10 - 25
Alcohol ethoxy sulfate	NA	10 - 25
Sodium xylene sulfonate	1300-72-7	5 - 7
Cocamidopropylaminobetaine	61789-40-0	1 - 3
Ethyl alcohol	64-17-5	1 - 3

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

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, Blue-Green Liquid. Mild, Citrus 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:

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.

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 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 extinguishing media appropriate for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS:

Normal products of combustion (carbon monoxide and carbon dioxide) and sulfur 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:

General room ventilation is expected to be adequate.

EXPOSURE LIMITS:

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Sodium dodecylbenzene sulfonate	NE	NE
Alcohol ethoxy sulfate	NE	NE
Sodium xylene sulfonate	NE	NE
Cocamidopropylaminobetaine	NE	NE
Ethyl alcohol	1000 ppm (1900 mg/m3)	1000 ppm (1880 mg/m3)

NE - Not Established

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
 ODOR: Mild, Citrus
 APPEARANCE: Clear, Blue-Green
 pH: 7.5 to 8.5
 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: 1.04
 VISCOSITY: Viscous
 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).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:
 Based on testing of a similar product, this product may cause moderate eye and mild to moderate skin irritation.
 The following data are available for product ingredients:

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<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
Sodium dodecylbenzene sulfonate	438–1260 mg/kg	Not Available	Not Available
Alcohol ethoxy sulfate	Not Available	Not Available	Not Available
Sodium xylene sulfonate	650–4000 mg/kg	3000 mg/kg	Not Available
Cocamidopropylaminobetaine	Not Available	Not Available	Not Available
Ethyl alcohol	7060 mg/kg	Not Available	31623 ppm (4-hr)

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

No data available.

REPRODUCTIVE/TERATOGENIC DATA:

Excessive and prolonged ingestion of ethyl alcohol has been found to cause reproductive and teratogenic effects in humans and laboratory animals.

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 category:
Immediate.

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
Sodium dodecylbenzene sulfonate	25155-30-0	MA, NJ, PA
Alcohol ethoxy sulfate	NA	Not Listed
Sodium xylene sulfonate	1300-72-7	Not Listed
Cocamidopropylaminobetaine	61789-40-0	Not Listed
Ethyl alcohol	64-17-5	MA, NJ, PA

NA - Not Applicable

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

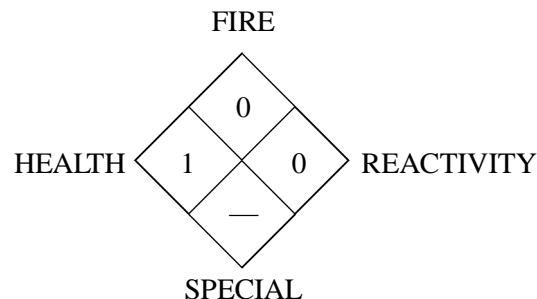
Class D-Division 2B; Irritant. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

HEALTH	-	2
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION	-	

NFPA RATING



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MSDS STATUS

Revision #: 1

This MSDS replaces the November 24, 1997 MSDS. Any changes in information are as follows:

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.