



MATERIAL SAFETY DATA SHEET

CARE TAKER Carpet Sanitizer, Deodorizer and Cleaner

Date Prepared: 09/17/2000
Date Revised: 12/11/2000

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: CARE TAKER Carpet Sanitizer, Deodorizer and Cleaner
For Extraction and Rotary Spin Pad Cleaning

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
Urea	57-13-6	5 - 7
Nonyl phenol ethoxylate	9016-45-9	3 - 5
Sodium metasilicate	6834-92-0	3 - 5
Sodium carbonate	497-19-8	1 - 3
n-Alkyl dimethyl benzyl ammonium chloride	68424-85-1	0.25 - <1.0
Octyl decyl dimethyl ammonium chloride	68424-95-5	0.25 - <1.0
Didecyl dimethyl ammonium chloride	NA	0.1 - 0.5
Diocetyl dimethyl ammonium chloride	5538 -94-3	0.1 - 0.5

See Section 8 for Exposure Limits NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as hazardous under OSHA regulations.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Clear to Slightly Hazy, Colorless Liquid. Mild Odor. Causes Eye and Skin Burns.

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 and a burning sensation in the nose and throat.

INGESTION:

May cause mouth, throat and stomach burns. Symptoms may include nausea, vomiting, diarrhea and severe stomach pain.

EFFECTS OF CHRONIC EXPOSURE:

No data available.

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 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.

NOTES TO PHYSICIAN:

Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

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), nitrogen oxides and sodium 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 and absorbent 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, skin and clothing. Wash thoroughly after handling. Remove contaminated 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 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.

ENGINEERING CONTROLS:

Good general room ventilation is expected to be adequate.

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EXPOSURE LIMITS:

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Urea	NA	NA
Nonyl phenol ethoxylate	NA	NA
Sodium metasilicate	NA	NA
Sodium carbonate	NA	NA
n-Alkyl dimethyl benzyl ammonium chloride	NA	NA
Octyl decyl dimethyl ammonium chloride	NA	NA
Didecyl dimethyl ammonium chloride	NA	NA
Diocetyl dimethyl ammonium chloride	NA	NA

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
ODOR: Mild
APPEARANCE: Clear to Slightly Hazy, Colorless
pH: 12.6 to 13.7
PERCENT VOLATILE BY WEIGHT: 83
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: 1.07
VISCOSITY: 25 to 70cps
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).

11. TOXICOLOGICAL INFORMATION

ACUTE DATA:

This product causes eye and skin burns and/or severe irritation. Based on acute toxicity testing, this product is not considered to be toxic by ingestion or skin absorption. The following data are available for this product and its ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
CARE TAKER Carpet Sanitizer, Deodorizer and Cleaner	9000 mg/kg	>8000 mg/kg	Not Available
Urea	8471 mg/kg	Not Available	Not Available
Nonyl phenol ethoxylate	2000–5000 mg/kg	1000–3000 mg/kg	Not Available
Sodium metasilicate	600–1153 mg/kg	Not Available	Not Available
Sodium carbonate	4090 mg/kg	Not Available	2300 mg/m ³ (2-hr)
n-Alkyl dimethyl benzyl ammonium chloride	366–400 mg/kg	645–3400 mg/kg	Not Available
Octyl decyl dimethyl ammonium chloride	Not Available	Not Available	Not Available
Dioctyl dimethyl ammonium chloride	Not Available	Not Available	Not Available

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

No data available.

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: Not regulated

15. REGULATORY INFORMATION

Not meant to be all-inclusive—selected regulations represented.

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: Im-
mediate.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

EPA

EPA REG. NO.: 6836-108-7176

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
Urea	57-13-6	Not Listed
Nonyl phenol ethoxylate	9016-45-9	Not Listed
Sodium metasilicate	6834-92-0	Not Listed
Tetrapotassium diphosphate	7320-34-5	Not Listed

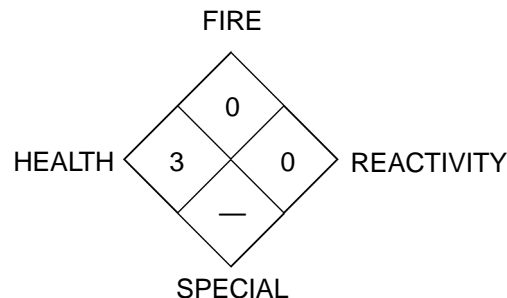
NA - Not Applicable

16. OTHER INFORMATION

HMIS RATING

HEALTH	-	3
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION	-	

NFPA RATING



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MSDS STATUS

Revision #: 2

This MSDS replaces the September 17, 2000 MSDS. Any changes in information are as follows:

In Section 9

Appearance (pH) (To)

In Section 10

Hazardous Decomposition Products

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 12/11/2000

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.