



## MATERIAL SAFETY DATA SHEET

1 SPEEDBALL Heavy Duty Spray Cleaner  
Concentrate

Date Prepared: 07/24/1997  
Date Revised: 12/29/1999

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 1 SPEEDBALL Heavy Duty Spray Cleaner Concentrate  
Product Synonyms: Command Center 1 SPEEDBALL Heavy Duty Spray Cleaner Concentrate;  
Outpost 1 SPEEDBALL Heavy Duty Spray Cleaner Concentrate;  
Command Center HEAVY DUTY SPRAY CLEANER Concentrate 1

#### 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>
2-Butoxyethanol	111-76-2	25 - 40
Ethanolamine	141-43-5	10 - 25
Sodium xylene sulfonate	1300-72-7	10 - 25
Nonyl phenol ethoxylate	9016-45-9	5 - 7
Tetrasodium ethylenediamine tetraacetate	64-02-8	3 - 5
Sodium hydroxide	1310-73-2	0.25 - <1.0

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

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Clear, Purple Liquid. Fresh Odor. May Cause Eye Burns and Skin Irritation. 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 burns. Symptoms may include pain, tearing, redness, swelling, and eye injury.

##### SKIN:

May cause skin irritation. Symptoms may include redness, rash and mild swelling.

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**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. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

**INGESTION:**

Harmful if swallowed. May cause mouth, throat and stomach burns. Symptoms may include nausea, vomiting, diarrhea, and severe stomach pain. May also cause central nervous system effects including headache, dizziness and weakness.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged or repeated contact can cause defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**MEDICAL CONDITIONS AGGRAVATED:**

May aggravate pre-existing eye, skin and respiratory conditions.

<b>4. FIRST AID MEASURES</b>
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**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:**

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.

<b>5. FIRE FIGHTING MEASURES</b>
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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.

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**HAZARDOUS COMBUSTION PRODUCTS:**

Normal products of combustion (carbon monoxide and carbon dioxide), nitrogen oxides 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. 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. 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. 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 clothing (e.g., gloves) should be worn.

**RESPIRATORY:**

No respiratory protection is required if general room ventilation is adequate and airborne concentrations are kept below exposure limits. When exposure limits are exceeded, use appropriate respiratory protection (NIOSH/MSHA) 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>
2-Butoxyethanol	25 ppm (120 mg/m <sup>3</sup> )/ (Skin)	25 ppm (121 mg/m <sup>3</sup> )/ (Skin)
Ethanolamine	3 ppm (8 mg/m <sup>3</sup> )/ 6 ppm (15 mg/m <sup>3</sup> )	3 ppm (7.5 mg/m <sup>3</sup> )/ 6 ppm (15 mg/m <sup>3</sup> )
Sodium xylene sulfonate	NE	NE
Nonyl phenol ethoxylate	NE	NE
Tetrasodium ethylenediamine tetraacetate	NE	NE
Sodium hydroxide	2 mg/m <sup>3</sup> /(Ceiling)	2 mg/m <sup>3</sup> /(Ceiling)

NE - Not Established

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: Fresh  
APPEARANCE: Clear, Purple  
pH: 13.0 to 13.7  
PERCENT VOLATILE BY WEIGHT: 90  
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: 1.01  
VISCOSITY: 8.5cps  
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), oxidizers (e.g., bleach) and sodium nitrite.

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**11. TOXICOLOGICAL INFORMATION**

**ACUTE DATA:**

This product causes moderate skin irritation and may cause severe eye irritation or burns. Based on acute toxicity testing, this product may be harmful if swallowed. It is not considered to be toxic by skin absorption or inhalation. The following data are available for this product and its ingredients:

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD<sub>50</sub> (rat)</u>	<u>DERMAL LD<sub>50</sub> (rabbit)</u>	<u>INHALATION LC<sub>50</sub> (rat)</u>
1 SPEEDBALL Heavy Duty Spray Cleaner Concentrate	>500-5000 mg/kg	>1000 mg/kg	>10.66 mg/L (1-hr)
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm (4-hr)
Ethanolamine	1720 mg/kg	1018 mg/kg	Not Available
Sodium xylene sulfonate	650-4000 mg/kg	3000 mg/kg	Not Available
Nonyl phenol ethoxylate	2000-5000 mg/kg	1000-3000 mg/kg	Not Available
Tetrasodium ethylenediamine tetraacetate	3030 mg/kg	>5000 mg/kg	Not Available
Sodium hydroxide	Not Available	1350 mg/kg	Not Available

**SENSITIZATION DATA:**

No data available.

**CHRONIC DATA:**

Prolonged overexposure to high concentrations of ethanolamine by inhalation and ingestion has caused liver and kidney effects in laboratory animals. 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, 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.

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**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 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.

**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
2-Butoxyethanol	111-76-2	MA, NJ, PA
Ethanolamine	141-43-5	MA, NJ, PA
Sodium xylene sulfonate	1300-72-7	Not Listed
Nonyl phenol ethoxylate	9016-45-9	Not Listed

*NA - Not Applicable*

**CANADA**

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

Class D-Division 2B, eye and skin irritant; Class D-Division 2B, chronic toxic effects. 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.

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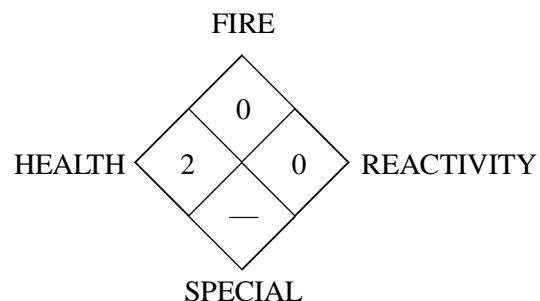
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**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	*	3
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

**NFPA RATING**



**MSDS STATUS**

Revision #: 1

This MSDS replaces the October 28, 1997 MSDS. Any changes in information are as follows:

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 12/29/1999

*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.*