



# MATERIAL SAFETY DATA SHEET

SPEEDBALL 2000 Aerosol Power Cleaner

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

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: SPEEDBALL 2000 Aerosol Power Cleaner

### 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>
Isobutane	75-28-5	7 - 10
Monoisopropanolamine	78-96-6	1 - 3
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5068P	55934-93-5	1 - 3
Aromatic alcohol, NJ Trade Secret Registry #11173400-5069P	100-51-6	1 - 3

See Section 8 for Exposure Limits      NA - Not Applicable

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Clear, Colorless Liquid (White Aerosol Foam). Citrus Odor. Causes Eye Irritation. Contents Under Pressure.

### 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:

Non-irritating to the skin.

#### INHALATION:

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing.

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**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:** Not applicable.

**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).

**FIRE AND EXPLOSION HAZARDS:**

Container is under pressure and may explode if exposed to excessive heat. Propellant retained by released material may be ignited by heat, sparks, flames, or other ignition sources.

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**FIRE FIGHTING INSTRUCTIONS:**

This product is not aerosol flammable per flame extension test 16 CFR 1500.45. If this product is involved in a fire, 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. Use with adequate ventilation. Use spark-proof tools. Do not expose to heat. Do not use near sparks, flames or pilot lights. Do not puncture or incinerate container. 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). Store away from direct sunlight. Keep away from heat, sparks and flame. Do not store at temperatures above 120 F (49 C).

**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>
Isobutane	NE	NE
Monoisopropanolamine	NE	NE
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5068P	NE	NE
Aromatic alcohol, NJ Trade Secret Registry #11173400-5069P	NE	NE

*NE - Not Established*

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid (White Aerosol Foam)  
 ODOR: Citrus  
 APPEARANCE: Clear, Colorless  
 pH: 11.0 to 11.4  
 PERCENT VOLATILE BY WEIGHT: 95  
 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: 1.00  
 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 known.

INCOMPATIBLE MATERIALS:

Strong acids (e.g., hydrochloric) and oxidizers (e.g., bleach).

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

This product causes mild eye irritation. It was found to be non-irritating to skin. Based on acute toxicity testing, it is not considered to be toxic by skin absorption or ingestion. The following data are available for this product and its ingredients:

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<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>
SPEEDBALL 2000 Aerosol Power Cleaner	>5000 mg/kg	>2000 mg/kg	Not Available
Isobutane	Not Available	Not Available	57 pph (15-min)
Monoisopropanolamine	2098 mg/kg	1851 mg/kg	Not Available
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5068P	2600–3100 mg/kg	>2000 mg/kg	Not Available
Aromatic alcohol, NJ Trade Secret Registry #11173400-5069P	1230 mg/kg	2000 mg/kg	1000 ppm (8-hr)

**SENSITIZATION DATA:**

No data available.

**CHRONIC DATA:**

Prolonged overexposure to high concentrations of monoisopropanolamine by ingestion has caused liver and kidney effects in laboratory animals. Prolonged overexposure to the aromatic alcohol by ingestion and inhalation has caused central nervous system effects in humans and 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 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: Consumer Commodity  
DOT/TDG HAZARD CLASS: ORM-D

**SPECIAL SHIPPING NOTES:**

The ORM-D hazard class applies to U.S. transportation only.

**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, Pressure Generating.

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.

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
Isobutane	75-28-5	MA, NJ, PA
Monoisopropanolamine	78-96-6	MA, PA
Polyglycol aliphatic ether, NJ Trade Secret Registry #11173400-5068P	55934-93-5	Not Listed
Aromatic alcohol, NJ Trade Secret Registry #11173400-5069P	100-51-6	MA, PA

*NA - Not Applicable*

**CANADA**

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

Class A, compressed gas; Class D-Division 2B, eye 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.

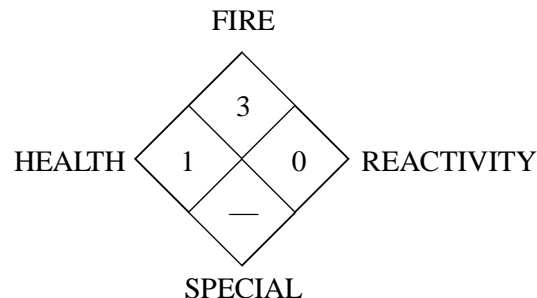
EXEMPTION REG. NO.: Claim for exemption filed.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	-	1
FLAMMABILITY		3
REACTIVITY		0
PERSONAL PROTECTION	-	

**NFPA RATING**



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MSDS STATUS

New MSDS

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.*