



# MATERIAL SAFETY DATA SHEET

MAJOR MAX Spray Buff

Date Prepared: 10/20/1997  
Date Revised: 11/25/1997

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: MAJOR MAX Spray Buff

### 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

INGREDIENT(S)	CAS NO.	% BY WEIGHT
Dipropylene glycol	25265-71-8	1 - 1.5
Triethylene glycol	112-27-6	1 - 1.5
Dibutyl phthalate	84-74-2	0.1 - 0.5

See Section 8 for Exposure Limits NA - Not Applicable

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

Clear, Blue Liquid. Mild Odor. Product Does Not Present a Significant Immediate Concern for Emergency Response Personnel.

### 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:

Non-irritating to the eyes, but may cause temporary redness or discomfort.

#### SKIN:

Non-irritating to the skin.

#### INHALATION:

Not expected to be irritating or harmful if inhaled.

#### INGESTION:

May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

### EFFECTS OF CHRONIC EXPOSURE:

Prolonged or repeated contact may cause skin irritation.

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**MEDICAL CONDITIONS AGGRAVATED:**

None known.

**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 if irritation develops.

**SKIN:**

Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

**INHALATION:**

Remove to fresh air. Get medical attention if symptoms persist.

**INGESTION:**

Do not induce vomiting. Drink large quantities of water. Get medical attention.

**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).

**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, skin and clothing. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

**STORAGE:**

Keep container closed when not in use. Keep from freezing.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**EYE:**

Not required under normal conditions of use.

**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>
Dipropylene glycol	NE	NE
Triethylene glycol	NE	NE
Dibutyl phthalate	5 mg/m3	5 mg/m3

NE - Not Established

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
 ODOR: Mild  
 APPEARANCE: Clear, Blue  
 pH: 8.1 to 9.2  
 PERCENT VOLATILE BY WEIGHT: 98  
 VAPOR PRESSURE: Not Determined  
 VAPOR DENSITY: Not Determined  
 BOILING POINT: Not Determined  
 FREEZING/MELTING POINT: Not Determined  
 SOLUBILITY IN WATER: Dispersible  
 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.

INCOMPATIBLE MATERIALS:

None known.

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

Based on testing of similar products, this product is non-irritating to skin and eyes. The following data are available for product 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>
Dipropylene glycol	14800 mg/kg	5000 mg/kg	Not Available
Triethylene glycol	17000 mg/kg	>5000 mg/kg	4.4 mg/L (4-hr)
Dibutyl phthalate	8000 mg/kg	>20000 mg/kg	Not Available

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

Prolonged overexposure to dipropylene glycol by ingestion has caused minor kidney effects in laboratory animals. Prolonged overexposure to high concentrations of triethylene glycol by ingestion has caused minor kidney effects in laboratory animals.

REPRODUCTIVE/TERATOGENIC DATA:

Prolonged overexposure to dibutyl phthalate by ingestion has caused reproductive and teratogenic effects in 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.*

**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:  
Delayed.

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
Dipropylene glycol	25265-71-8	PA
Triethylene glycol	112-27-6	PA

*NA - Not Applicable*

**CANADA**

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

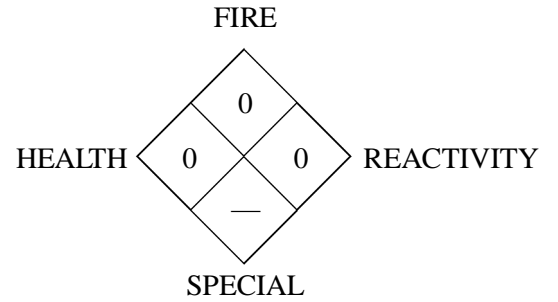
Class D-Division 2A; reproductive and teratogenic effects. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

HMIS RATING

HEALTH	*	0
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION		-

NFPA RATING



MSDS STATUS

New MSDS

APPROVED BY: EH&S/Regulatory Affairs  
APPROVAL DATE: 11/25/1997

*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.*