



## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2007-01-26

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** BATH MATE ACID-FREE WASHROOM CLEANER CONCENTRATE  
**MSDS #:** MS0400088  
**Product Code:** 3145328, 4101150, 4101020, 4101340  
**Recommended use:** Restroom Care. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**

US Headquarters  
The Butcher Company  
8310 16th St.  
Sturtevant, Wisconsin 53177-0902  
Phone: 1-800-225-9475  
MSDS Internet Address:  
www.thebutchercompany.com

**Emergency telephone number:** 1-800-228-5635 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

- DANGER
- CORROSIVE TO EYES
- CAUSES EYE BURNS
- CAUSES SKIN IRRITATION
- HARMFUL OR FATAL IF SWALLOWED
- HARMFUL IF SWALLOWED

**Principle routes of exposure:**

Eye contact. Skin contact. Inhalation. Ingestion.

**Eye contact:**

Corrosive. Causes permanent eye damage, including blindness.

**Skin contact:**

Moderately irritating to the skin.

**Inhalation:**

May cause irritation and corrosive effects to nose, throat and respiratory tract.

**Ingestion:**

May be irritating to mouth, throat and stomach .

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous ingredients

Ingredient(s)	CAS #	Weight %
Monoethanolamine	141-43-5	5 - 10%
Ethyl alcohol	64-17-5	0.1 - 1.5%
Ethylene glycol	107-21-1	0.1 - 1.5%
2-butoxyethanol	111-76-2	25 - 40%
Butyl alcohol	71-36-3	0.1 - 1.5%

### 4. FIRST AID MEASURES

**Eye contact:**

Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

**Skin contact:**

Immediately flush with plenty of water. If irritation persists, get medical attention.

**Inhalation:**

If breathing is affected, remove to fresh air. Get medical attention immediately.

**Ingestion:**

If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:**

Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

### Extinguishing media which must not be used for safety reasons:

No information available

### Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Specific hazards:** Not applicable

**Unusual hazards:** Corrosive material (See sections 8 and 10).

**Specific methods:** No special methods required

**NFPA**

**Health: 3**

**Flammability: 0**

**Instability: 0**

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

### Personal Protective Equipment

**Eye protection:** Chemical-splash goggles.

**Hand protection:** Chemical-resistant gloves

**Skin and body protection:** If major exposure is possible, wear suitable protective clothing and footwear.

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	ACGIH	OSHA	Mexico
Monoethanolamine	6 ppm (STEL) 3 ppm (TWA)	3 ppm (TWA) 6 mg/m <sup>3</sup> (TWA)	6 ppm (STEL) 15 mg/m <sup>3</sup> (STEL) 3 ppm (TWA) 8 mg/m <sup>3</sup> (TWA)
Ethyl alcohol	1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)	1000 ppm (TWA) 1900 mg/m <sup>3</sup> (TWA)
Ethylene glycol	100 mg/m <sup>3</sup> (Ceiling)		100 mg/m <sup>3</sup> (Ceiling)
2-butoxyethanol	20 ppm (TWA)	Skin 240 mg/m <sup>3</sup> (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m <sup>3</sup> (STEL) 26 ppm (TWA) 120 mg/m <sup>3</sup> (TWA)
Butyl alcohol	20 ppm (TWA)	100 ppm (TWA) 300 mg/m <sup>3</sup> (TWA)	50 ppm (Ceiling) 150 mg/m <sup>3</sup> (Ceiling)

**HMIS**                      **Health**    3                      **Fire Hazard**        0                      **Reactivity**        0

**Personal protective equipment**



**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid  
**Color:** Green  
**pH:** 11.6  
**Specific gravity:** 1.00  
**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Solubility:** completely soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available

**Appearance:** Liquid  
**Odor:** Fresh  
**Dilution pH:** 10.6 (1:16)  
**Density:** 8.32 lbs/gal  
**Vapor density:** No information available  
**Viscosity:** No information available  
**VOC:** 35.4% \*

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	>200°F >93.3°C
<b>Decomposition temperature:</b>	Not determined
<b>Autoignition temperature:</b>	No information available
<b>Elemental Phosphorus:</b>	0 %P

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization does not occur  
**Materials to avoid:** Acids.  
**Hazardous decomposition products:** None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION**

**Hazardous ingredients**

<b>Ingredient(s)</b>	<b>LD50 Oral - Rat (mg/kg)</b>	<b>LD50 Dermal - Rabbit</b>	<b>LC50 Inhalation - Rat</b>
Monoethanolamine	1720	1 mL/kg	Not available
Ethyl alcohol	1501	Not available	=124.7 mg/L (4 h)
Ethylene glycol	5890	=9530 µL/kg	200 mg/m <sup>3</sup>
2-butoxyethanol	470	220 mg/kg	2.21 mg/L (4 h); 450 ppm (4 h)
Butyl alcohol	790	=3400 mg/kg	=8000 ppm (4 h) >17.7 mg/L (4 h)

**Acute toxicity:** Oral LD50 estimated to be between 2000 - 5000 mg/kg  
**Chronic toxicity:** None known

**Specific effects**

**Carcinogenic effects:** None known  
**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

**Hazardous ingredients**

<b>Ingredient(s)</b>	<b>NTP</b>	<b>IARC</b>	<b>OSHA</b>
----------------------	------------	-------------	-------------

Ethyl alcohol 64-17-5	X		X
2-butoxyethanol 111-76-2		3	

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** No data available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**  
Dispose of according to all federal, state and local applicable regulations

## 14. TRANSPORT INFORMATION

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

## 15. REGULATORY INFORMATION

### International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS).

### U.S. Regulations

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

### STATE RIGHT TO KNOW

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Monoethanolamine	141-43-5	X	X	X	X
Water	7732-18-5	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	-	-	-	-
Ethylene glycol	107-21-1	X	X	X	X
2-butoxyethanol	111-76-2	X	X	X	X
Butyl alcohol	71-36-3	X	X	X	X
Alcohols, c11-C15-secondary, ethoxylated	68131-40-8	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
Tetrasodium salt of EDTA	TS*	-	-	-	-

### CERCLA/ SARA

Ingredient(s)	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ethylene glycol 107-21-1	0.1 - 1.5%	5000		X
2-butoxyethanol 111-76-2	25 - 40%			X
Butyl alcohol 71-36-3	0.1 - 1.5%	5000		X

Ingredient(s)	CAA HAP	CAA ODS	CWA Priority Pollutants
Ethylene glycol 107-21-1	X		

**SARA 311/312 Hazard Categories**

**Immediate:** X  
**Delayed:** -  
**Fire:** -  
**Reactivity:** -  
**Sudden Release of Pressure:** -

**Canada**

**WHMIS hazard class:** D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X
Butyl alcohol	71-36-3	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** None

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*