

BATH MATE Acid-Free Disinfectant Washroom Cleaner Concentrate

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3
	Health		0	Reactivity
Specific Hazard		Emergency Green. Liquid. See Section 9.		
Protective Clothing		Overview DANGER. CORROSIVE TO EYES. CAUSES EYE BURNS. HARMFUL OR FATAL IF SWALLOWED.		

Section 1. Chemical Product and Company Identification	
Product Name	BATH MATE Acid-Free Disinfectant Washroom Cleaner Concentrate
Code	4304340 & 4304150 & 4304020 & 4304550 & 4304444
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.
PMS#	3316511
MSDS#	F-00107001
Validation Date	2/3/2004
U.S. Headquarters	The Butcher Company 8310 16th Street Sturtevant, WI 53177-0902 General Information: 800-225-9475
Print Date	2/3/2004
Supersedes	2/3/2004.
In Case of Emergency	Emergency (24 hour) 800-228-5635 CHEMTREC (US/Canada) 800-424-9300 CHEMTREC (Int'l) +1-703-527-3887

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Water	7732-18-5	30-60	Not available.	Not available.
2-Butoxyethanol	111-76-2	10-30	ACGIH TLV (United States, 2003). Notes: 2002 Adoption. TWA: 20 ppm 8 hour(s).	ORAL (LD50): Acute: 470 mg/kg [Rat]. 300 mg/kg [Rabbit]. 1200 mg/kg [Guinea pig]. DERMAL (LD50): Acute: 220 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat].
Ethoxylated alcohol	68131-40-8	10-30	OSHA PEL (United States, 1993). Skin Notes: TWA: 240 mg/m ³ 8 hour(s). TWA: 50 ppm 8 hour(s).	ORAL (LD50): Acute: 2380 mg/kg [Rat]. 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 4100 mg/kg [Rabbit].
Monoethanolamine	141-43-5	5-10	Not available.	ORAL (LD50): Acute: 1720 mg/kg [Rat]. 620 mg/kg [Guinea pig]. 700 mg/kg [Mouse]. DERMAL (LD50): Acute: 1018 mg/kg [Rabbit].
			ACGIH TLV (United States, 2003). Notes: STEL: 15 mg/m ³ 15 minute(s). STEL: 6 ppm 15 minute(s). TWA: 7.5 mg/m ³ 8 hour(s). TWA: 3 ppm 8 hour(s).	
			OSHA PEL (United States,	



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Fragrance		1-5	1993). Notes: TWA: 6 mg/m ³ 8 hour(s).	Not available.
Water	7732-18-5	1-5	Not available.	Not available.
Tetrasodium EDTA	64-02-8	1-5	Not available.	ORAL (LD50): Acute: 90000 mg/kg [Rat].
Ethyl Alcohol	64-17-5	0.1-1	ACGIH TLV (United States, 2003). TWA: 1880 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1900 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s).	ORAL (LD50): Acute: 330 mg/kg [Rat]. ORAL (LD50): Acute: 7060 mg/kg [Rat]. 6300 mg/kg [Rabbit]. 3450 mg/kg [Mouse]. VAPOR (LC50): Acute: 20000 ppm 10 hour(s) [Rat].

Section 3. Hazards Identification

Routes of Entry Eye contact. Skin contact Inhalation.

Potential Acute Health Effects

Eyes Corrosive. May cause permanent damage including blindness.

Skin May be moderately irritating to skin.

Inhalation May be irritating to nose, throat, and respiratory tract.

Ingestion HARMFUL IS SWALLOWED. May cause kidney and central nervous system effects. Effects include: headache, nausea and dizziness. May be irritating to mouth, throat and stomach.

Medical Conditions Aggravated by Overexposure: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin Contact Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation Remove to fresh air. If not breathing, immediately get medical attention and begin mouth-to-mouth resuscitation and/or cardiopulmonary resuscitation if needed.

Ingestion DO NOT induce vomiting. Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Call medical attendant, medical doctor, or poison control center immediately. Notes to physician Probable mucosal damage may contraindicate the use of gastric lavage.

Section 5. Fire Fighting Measures

Flammability of the Product None known.

Flash Points Closed cup: >93.333°C (200°F).

Products of Combustion None known.

Fire Fighting Media and Instructions Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.

Protective Clothing (Fire) Put on appropriate personal protective equipment (see Section 8).



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Special Remarks on Fire and Explosion Hazards Corrosive material (See sections 8 and 10).

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. Use appropriate hygiene measures when handling product. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	<p><i>Eyes</i> Chemical splash goggles.</p> <p><i>Hands</i> Chemical resistant gloves. Includes: Neoprene gloves.</p> <p><i>Respiratory</i> No special requirements under normal use conditions.</p> <p><i>Feet</i> Protective footwear.</p> <p><i>Body</i> If major exposure is possible, wear suitable protective clothing and footwear.</p>

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Fresh. (Slight.)
Color	Green. (Light.)
pH	11.6 [Basic.]
Specific Gravity	1
Solubility in water	Complete.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Reactive with acids.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be greater than 2000 mg/kg (rabbit).
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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Section 14. Transport Information

DOT Classification	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal SARA 302/304/311/312 hazardous chemicals: Monoethanolamine, Ethyl Alcohol, Tetrasodium EDTA, 2-Butoxyethanol
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Monoethanolamine, Ethyl Alcohol, Tetrasodium EDTA, 2-Butoxyethanol
 SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol
 CERCLA: Hazardous substances.: Ethyl Alcohol, 2-Butoxyethanol

State New Jersey spill list: 2-Butoxyethanol
 New Jersey: Monoethanolamine, Ethyl Alcohol, 2-Butoxyethanol
 Massachusetts spill list: Monoethanolamine, Ethyl Alcohol, 2-Butoxyethanol
 Massachusetts RTK: Monoethanolamine, Ethyl Alcohol, 2-Butoxyethanol
 Pennsylvania RTK: Monoethanolamine, Ethyl Alcohol, 2-Butoxyethanol

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

Registered Product Information EPA Registration Number: 7176-26

Canadian Regulations

Canadian NPRI Canadian NPRI: 2-Butoxyethanol.

WHMIS Classification Class D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product Information Not applicable.



**BATH MATE Acid-Free Disinfectant Washroom
Cleaner Concentrate**

**Chemical Inventory
Status**

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. All the ingredients are on the DSL list.

Section 16. Other Information

**Other Special
Considerations** Not available.

Version 3

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