

BU4305320
7BU4305320SHEET #
404

MATERIAL SAFETY DATA SHEET

BATHMATE RTU Ready-to-Use Acid-Free
Disinfectant Washroom CleanerDate Prepared: 02/17/1999
Date Revised: 02/26/1999

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: BATHMATE RTU Ready-to-Use Acid-Free Disinfectant Washroom 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

INGREDIENT(S)	CAS NO.	% BY WEIGHT
2-Butoxyethanol	111-76-2	1 - 3

See Section 8 for Exposure Limits. NA: Not Applicable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear, Green Liquid. Floral Odor. May Cause Eye Irritation.

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 mild eye irritation. Symptoms may include redness and tearing.

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.

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.

BATHMATE RTU Ready-to-Use Acid-Free
Disinfectant Washroom CleanerDate Prepared: 02/17/1999
Date Revised: 02/26/1999

MEDICAL CONDITIONS AGGRAVATED:

May aggravate pre-existing eye 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 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) and nitrogen 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. 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.

BATHMATE RTU Ready-to-Use Acid-Free
Disinfectant Washroom Cleaner

Date Prepared: 02/17/1999
Date Revised: 07/26/1999

BATHMATE RTU Ready-to-Use Acid-Free
Disinfectant Washroom Cleaner

Date Prepared: 02/17/1999
Date Revised: 07/26/1999

7. HANDLING AND STORAGE

HANDLING:

Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

STORAGE:

No special storage practices are required. Keep container closed when not in use.

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:

Not required under normal conditions of use.

ENGINEERING CONTROLS:

General room ventilation is expected to be adequate.

EXPOSURE LIMITS:

INGREDIENT(S)	OSHA PEL/STEL	ACGIH TLV/STEL
2-Butoxyethanol	25 ppm (120 mg/m ³) (Skin)	25 ppm (121 mg/m ³) (Skin)

NE - Not Established

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Floral

APPEARANCE: Clear, Green

pH: 10.8

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: Complete

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 1.0

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:

This product causes mild eye irritation at strongest recommended dilution. The following data are available for product ingredients:

PRODUCT/INGREDIENT	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
2-Butoxyethanol	470 mg/kg	220 mg/kg	450 ppm (4-hr)

SENSITIZATION DATA:

No data available.

CHRONIC DATA:

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

No data available.

BATH-MATE RTU Ready-to-Use Acid-Free
Disinfectant Washroom Cleaner

Date Prepared: 02/17/1999
Date Revised: 02/26/1999

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, at its recommended use dilution, 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/IDG 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: None of the ingredients in this product are reportable under CERCLA.

EPA

EPA REG. NO.: 7176-25

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW

INGREDIENT(S)	CAS NO.	STATE LISTING
Water	7732-18-5	Not Listed
2-Butoxyethanol	111-76-2	MA, NJ, PA

NA - Not Applicable

CANADA:

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM)

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.

BATH-MATE RTU Ready-to-Use Acid-Free
Disinfectant Washroom Cleaner

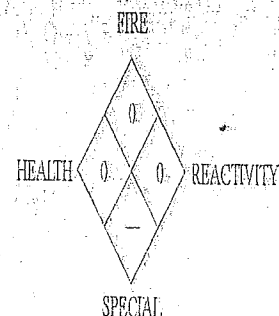
Date Prepared: 02/17/1999
Date Revised: 02/26/1999

16. OTHER INFORMATION

HMS RATING

HEALTH	2	2
FLAMMABILITY	0	0
REACTIVITY	0	0
PERSONAL PROTECTION	1	1

NFPA RATING



MSDS STATUS

Revision #: 1

This MSDS replaces the February 17, 1999 MSDS. Any changes in information are as follows:

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 02/26/1999

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.

