

#3 Bu3165388

BUTCHERS

Material Safety Data Sheet

LOOK (RTD) GLASS CLEANER CONCENTRATE

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3
Protective Clothing	0	Reactivity	Fire Hazard	0
	0		Reactivity	0

Emergency Overview: Clear Blue Liquid. See Section 9. DANGER: CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.

Section 1: Chemical Product and Company Identification

Product Name	LOOK (RTD) GLASS CLEANER CONCENTRATE	Code	3165388 & 3145571
Product Use	Industrial/Institutional Cleaning product. This product is intended to be diluted prior to use.	PMS#	3164983
MSDS#	F-00405001	Validation Date	8/6/2003
U.S. Headquarters	The Butcher Company	Print Date	8/6/2003
8310 16th Street		Supersedes	7/30/2003
Stevensville, WI 53177-0902		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
Ammonium Hydroxide	1336-21-6	1-5	Not available.
Sodium Xylene Sulfonate	1300-72-7	1-5	Not available.
Sodium Lauryl Sulfate	151-21-3	5-10	Not available.
2-Butoxyethanol	111-76-2	30-60	OSHA (United States): TWA: 120 mg/m³ ACGIH (United States): TWA: 97 mg/m³
Water	7732-18-5	30-60	Not available.

Section 3: Hazards Identification

Routes of Entry: Inhalation. Skin contact. Eye contact.

Potential Acute Health Effects:

- Eyes:** Corrosive. May cause permanent damage including blindness.
- Skin:** Corrosive. May cause permanent damage.
- Inhalation:** May cause irritation and corrosive effects to nose, throat and respiratory tract.
- Ingestion:** Corrosive. May cause burns to mouth, throat, and stomach.

Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects. Individuals with Aggravated by Overexposure: chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

See Toxicological Information (section 11)

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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	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink 4-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5: Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Closed cup: >93.33°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).
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 empty containers. All procedures for handling the product must be used in handling the empty container and residue. 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	Eye: Chemical splash goggles. Hand: Chemical resistant gloves. Includes: Neoprene gloves. Respiratory: If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. 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. Foot: Protective footwear. Body: If major exposure is possible, wear suitable protective clothing and footwear.

Section 9: Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Ammoniacal.
Color	Clear Blue.
pH	12 to 12.8 [Basic.]
Specific Gravity	0.98
Melting/Freezing Point	<0°C (32°F)
Solubility in water	Complete.

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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	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.
Section 12. Ecological Information	
Not available.	
Section 13. Disposal Considerations	
Waste Information	Unrefilled product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
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 Clean Water Act (CWA) 311: Ammonium Hydroxide	
CERCLA: Hazardous substances.: 2-Butoxyethanol, Ammonium Hydroxide	
State	
New Jersey spill list: 2-Butoxyethanol, Ammonium Hydroxide	
New Jersey: 2-Butoxyethanol, Ammonium Hydroxide	
New Jersey toxic catastrophe prevention act: Ammonium Hydroxide	
Massachusetts spill list: 2-Butoxyethanol, Ammonium Hydroxide	
Massachusetts RTK: 2-Butoxyethanol, Ammonium Hydroxide	
Pennsylvania RTK: 2-Butoxyethanol, Ammonium Hydroxide	
This product is not subject to the reporting requirements under California's Proposition 65.	
Registered Product Not applicable.	
Information	
Canadian Regulations	
Canadian NPRI: Canadian NPRI: 2-Butoxyethanol,	
WHMIS Classification WHMIS Class E: Corrosive liquid.	
WHMIS Icon	

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Section 16. Other Information	
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
Other Special Considerations	Not available.
Version	1
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