



SECTION 1: Identification

Product Name	Lav-Cide	Item Code	MDS1003*
Recommended Use	Disinfecting bowl and all-purpose cleaner		
Supplier	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	Emergency Telephone	
		INFOTRAC: 1-800-535-5053	

SECTION 2: Hazard(s) identification

DANGER  	Hazards not otherwise classified or not covered by GHS		
	Right to know chemicals. acute and chronic health hazards		
Hazard Statement	Hazard Class (GHS Chapter)	Category	
Causes severe skin burns and eye damage	Skin corrosion/irritation (3.2)	1	
Harmful if swallowed or in contact with skin	Acute toxicity, oral (3.1), Acute toxicity dermal (3.1)	4	

Precautionary Statement

Do not breathe dusts or mists.
Wash face, hands, and exposed skin after handling.
Do not eat, drink or smoke when using this product.
Wear protective nitrile gloves, clothing and eyewear.
If swallowed, Rinse mouth. DO NOT induce vomiting. Immediately call a poison center or physician.
If on skin, remove contaminated clothing immediately and wash before reuse. Rinse affected areas with water or shower.
If inhaled, remove person to fresh air and keep comfortable for breathing.
If in eyes, rinse carefully with water for several minutes. Remove contact lenses if able then continue rinsing.
Avoid release to the environment. Collect spillage.
Dispose of contents/container in accordance with local, state, federal and international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company

SECTION 3: Composition/Information on Ingredients

Chemical identity	Common name, synonyms, etc.	CAS #	%
2-(2-Butoxyethoxy)ethanol	Dowanol DB, Diethylene glycol monobutyl ether, Butyl Carbitol	112-34-8	8-9
Alkyl dimethyl benzyl ammonium chlorides		68391-01-5	<1
Alkyl dimethyl ethyl benzyl ammonium chlorides		68956-79-6	<1

SECTION 4: First Aid Measures

If medical advice is needed, have product container or label at hand.

Necessary measures for routes of exposure

IF SWALLOWED: Immediately call a poison center or physician. Rinse mouth. DO NOT induce vomiting.

IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs, get medical advice.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.

Most important symptoms/effects, acute and delayed.

Acute exposure may cause skin or eye irritation.

Immediate medical attention and special treatment, if necessary

Do not breathe dusts or mists Move victim to fresh air. Immediately call poison center, 911 or medical aid.

SECTION 5: Fire-fighting Measures**Suitable extinguishing media.**

Dry chemical, CO₂, alcohol resistant foam or water spray

Specific hazards arising from the chemical

Corrosive to skin and may cause eye damage. Do not touch or walk through spilled area. Water spray may reduce vapor; but may not prevent ignition in closed spaces. Do not breathe mist of vapor.

Special protective equipment and precautions for fire-fighters.

Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.

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SECTION 6: Accidental Release Measures**Personal precautions, protective equipment and emergency procedures.**

Keep away from clothing and other combustible materials. Chemically protective nitrile gloves, protective clothing and safety eyewear are required. Remove sources of ignition. Do not breathe mist or vapor. Evacuate personnel to safe areas.

Environmental precautions.

Prevent entry into waterways, sewers, basements or confined areas. Collect spillage. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up.

Prevent entry into waterways, sewers, basements or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 7: Handling and Storage

Precautions for safe handling.	Do not eat, drink or smoke in areas where this material is used. Avoid contact with skin and eyes. Wear protective gloves and eyewear. Avoid inhalation of vapor or mist. After handling, always wash thoroughly with soap and water. Use only with adequate ventilation/personal protection.
Conditions for safe storage, including any incompatibilities.	Keep away from ignition sources, heat, hot surfaces, sparks, and open flames. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials, Keep containers tightly closed and properly labeled. Store in original containers.

SECTION 8: Exposure Controls/Personal Protection

Component	CAS #	Value	Exposure	Basis
2-(2-Butoxyethoxy)ethanol	112-34-5	TWA	10.00ppm	USA, ACGIH Threshold Limit Values (TLV)

Remarks: liver effects, kidney effects, hemalologic effects

Control parameters	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Avoid skin and eye contact with this product. Collect spillage.
Appropriate engineering controls	Respiratory equipment is required where risk assessment shows air-purifying respirators are appropriate. Use a full-face respirator with multi-purpose combination, or type ABEK respirator cartridges, as a backup to engineering controls. Provide local ventilation.
Individual protection measures	Handle with nitrile gloves which have been inspected prior to use. Safety eyewear is required. Long term exposure could irritate skin and eyes.

SECTION 9: Physical and Chemical Properties

Appearance	Blue transparent liquid	Specific Gravity	0.90-1.08
Odor	NABC fragrance	Flash Point/ boiling point	NA/212°F
Volatile Organic Compound	8.5	Solubility in Water	Complete
pH	12-12.5	Evaporation Rate	Slower than water

SECTION 10: Stability and Reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Heat, flames and ignition sources.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No data available

SECTION 11: Toxicological Information

IARC	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by ACGIH
NTP	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP
OSHA	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA
Additional Information	<p><u>2-(2-Butyoxethoxy) ethanol CAS 112-34-5</u> Acute Toxicity LD50 Oral-Rat-male-7,291 mg/kg ,LD50 Dermal-Rabbit-male-2,764 mg/kg. Skin corrosion/irritation Rabbit, Mild skin irritation -1hr. Serious eye damage/eye irritation eyes-Rabbit, Result irritating to eyes. Respiratory or skin sensitization, Maximisation Test-Guinea Pig, Result: Does not cause skin sensitization</p> <p><u>BTC824</u> Acute Dermal LD50 Rabbit- 2000 mg/kg. Acute Inhalation LC50 0.054-0.51 mg/l. Acute Oral LD50 Rat 50-500 mg/kg. Acute Effects fatal if inhaled. Toxic if swallowed. Skin corrosion/irritation; Causes severe skin burns and eye damage.</p>

SECTION 12: Ecological Information

No data available on mixture.

SECTION 13: Disposal Considerations

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

SECTION 14: Transport Information

**DOT Packaging Exception 173.150, b,2,d,
 Limited Quantities not over 1.3 gals (Inner packaging not over 1.3 gals)
 If shipped by aircraft, rail or vessel see 49 CFR 172.101 Hazardous Materials Table**

DOT Number	UN1903	Shipping Name	Disinfectants, liquid, corrosive n.o.s. (Quaternary Ammonium compound)			
Hazard Class	8	Packaging Group	III	Placard	Corrosive 8	

Special Provisions for Bulk Transport (>119 gals. container for liquids) Corrosive 8 Placard

SECTION 15: Regulatory Information

This product is an US EPA registered product. EPA Registration No. 1839-83-1674

This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.

2-(2-Butyoxethoxy) ethanol CAS 112-34-5 is a SARA 311/312 Hazard. Acute health hazard, Chronic Health Hazard

2-(2-Butyoxethoxy) ethanol CAS 112-34-5 is subject to the reporting levels established by SARA Title III, Section 313

BTC 824 is a SARA 311 Hazardous chemical, Acute Health Hazard, Chronic Health Hazard

2-(2-Butyoxethoxy) ethanol CAS 112-34-5 is a NJ, and PA Right-to-know chemical.

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other Information

Revision prepared 10/27/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.

Previous Version Dated 11/09/2015.

DISCLAIMER: Whereas the use and handling of this product is not within the control of Next-Gen Supply Group, it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. Next-Gen Supply Group accepts no liability for damages or loss incurred from the misuse and mishandling of this product.