


SECTION 1: Identification

Product Name	MixMate 21 103 Disinfectant 256	Item Code	MM7021
Recommended Use	Hard surface disinfectant		
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	
Flammable liquid and vapor	Flammable Liquids (2.6)	3	
Harmful if swallowed or in contact with skin	Acute Toxicity, oral (3.1), Acute Toxicity Dermal (3.1)	4	

Precautionary Statement

Keep away from heat, hot surfaces, sparks, open flames and ignition sources. No smoking
 Do not directly breathe dusts or mists.
 Wash face, hands and exposed skin thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Wear protective nitrile gloves, protective clothing and safety eyewear.
 If swallowed, rinse mouth. Do not induce vomiting. Call a poison center or medical professional if you feel unwell.
 If on skin, remove contaminated clothing immediately. Rinse skin with water or shower.
 Wash contaminated clothing before reuse.
 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.
 Avoid release to the environment. Collect spillage. Keep container tightly closed. Store in a well-ventilated place.
 Dispose of contents/container in accordance with local/state/federal and international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.
 In case of fire, use dry sand, dry chemical or alcohol-resistant foam to extinguish.

SECTION 3: Composition/Information on Ingredients

Chemical identity	Common name, synonyms, etc.	CAS #	%
Alkyl dimethyl benzyl ammonium chloride	Quaternary ammonium compounds, di -C ₈ -C ₁₀ -alkyldimethyl, chlorides.	68424-95-3	10-15
Alkyl dimethyl benzyl ammonium chloride	Quaternary ammonium compounds, benzyl-C ₁₂ -C ₁₆ -alkyldimethyl chlorides	68424-85-1	5-10
Ethanol	Ethyl alcohol,	64-17-5	1-5

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 doctor. Rinse mouth. DO NOT induce vomiting. Call poison center, 911 or emergency medical service. Never give anything by mouth to an unconscious person.

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

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.

Emergency Response Guide Number

153

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

Keep away from clothing and other combustible materials. Chemically protective gloves, 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. Avoid inhalation of vapor or mist. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves, protective clothing, and eye/face protection. 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 #	Type	Value	Basis
Ethanol	64-17-5	TWA	1ppm	ACGIH
		REL	1ppm, 2mg/m3	NIOSH
		STEL	1,000 ppm	ACGIH
Control parameters	Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. 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. Wear tightly fitted safety goggles or face shield. Long term exposure could irritate skin and eyes.			

SECTION 9: Physical and Chemical Properties

Appearance	Green transparent liquid	Specific Gravity	0.99-1.05 g/ml
Odor	Floral	Flash Point/Boiling Point	NA/212°F
Volatile Organic Compound	2-3%	Solubility in Water	Complete
pH Concentrate/ As used	12-13 / 8-9	Evaporation Rate	Similar to 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	<u>N-Alkyl(C12-16)-N,N-dimethyl-N-benzyl ammonium chloride CAS 68424-85-1</u> Acute Oral Toxicity LD50- Rat- 344mg/kg. Acute Dermal Toxicity LD50- Rabbit- 3340 mg.kg, Skin irritation rabbit – Corrosive DOT method

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	Packaging Group	III	Hazard Class	8	Placard	Corrosive 8
Shipping Name	Disinfectants Liquid, Corrosive n.o.s. (Quaternary Ammonium compound)						
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 6836-78-1674
This material does not contain any components subject to the reporting requirements of SARA Title III, Section 302.
This material does not contain any components subject to the reporting levels established by SARA Title III, Section 313
This product is a SARA 311/311 Hazardous chemical, Acute Health Hazard, Fire Hazard

Ethanol CAS 64-17-5 is a MA, PA and NJ Right to Know Chemical.

California Prop. 65: This product does contain a chemical know to the State of California to cause cancer. This product contains a chemical know to the state of California to cause birth defects or other reproductive harm. Ethanol CAS 64-17-5

SECTION 16: Other Information

Prepared 04/10/2025 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.