




SECTION 1: Identification

Product Name	MixMate 17 Neutra-Quat 32	Item Code	MM7017
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 Statements	Hazard Class (GHS Chapter)	Category	
Causes severe skin burns and eye damage	Skin corrosion/irritation (3.2)	1	
Toxic if swallowed or if inhaled	Acute toxicity oral and inhalation (3.1)	1	
May cause damage to kidneys and liver through prolonged or repeated oral exposure	Specific target organ toxicity following repeated exposures (3.9)	2	
Toxic to aquatic life with long lasting effects	Hazardous to the aquatic environment, long-term (Chronic)(4.1)	Chronic 1	

Precautionary Statements

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection
Wash face and hands and exposed skin thoroughly after handling.
Wash contaminated clothing before reuse.
IF SWALLOWED:immediately call a POISON CENTER or physician. Rinse mouth. DO NOT induce vomiting.
IF ON SKIN: Immediately take off all contaminated clothing. Rinse skin with water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or contact a medical professional.
Store locked up.
Avoid release to the environment. Collect spillage.
Dispose of 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	CAS #	%
Dimethyldioactylammonium chloride	5538-94-3	>=20-<25
Quaternary ammonium compounds, benzyl-C12-18- alkyldimethyl, chlorides	68391-01-5	>=10-<15
Quaternary ammonium compounds, coco alkydtrimethyl, chlorides	61789-18-2	>=10-<15
Tetrasodium ethylenediaminetetraacetate	64-02-8	>=5-<10
Ethanol	64-17-5	>=1-<3
Edetic Acid	60-00-4	>=1-< 3

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: Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. Call Poison Center or emergency medical service.

IF ON SKIN: After contact with skin wash with plenty of soap and water. Take off contaminated clothing and shoes immediately. If skin irritation occurs, get medical attention. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty. Take victim immediately to the hospital.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a physician or poison control center immediately. If unconscious, place in a recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration. Keep respiratory tract clear.

IF IN EYES: Rinse immediately with plenty of lukewarm water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Protect unharmed eye. Continue rinsing eyes during transport to the hospital. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Call a physician immediately.

Most important symptoms/ effects, acute and delayed.

No information available.

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

Heating or fire can release toxic gas. Do not allow run-off from firefighting to enter drains or water sources. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Special protective equipment and precautions for fire-fighters.

Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer.

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SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.	Keep away from clothing and other combustible materials. Nitrile 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 dry earth, sand or other 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 skin and eye protection. Nitrile gloves recommended. Use only with adequate ventilation, personal protection.
Conditions for safe storage, including any incompatibilities.	Keep out of the reach of children. Keep away from ignition sources, heat, hot surfaces, sparks, and open flames. 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. Provide a suitable liquid retention system to keep spillages from spreading.

SECTION 8: Exposure Controls/Personal Protection

Component	CAS No.	Value	Exposure	Basis
Ethyl Alcohol	64-17-5	TWA	1 ppm	ACGIH
		REL	1 ppm/ 2mg/m3	NIOSH
		STEL	1,000 ppm	ACGIH
Control parameters	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Long term exposure could irritate skin and eyes. 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. Gloves must be inspected prior to use. Avoid skin contact with this product. Avoid eye contact. Use safety goggles or glasses with side shields. Wear face-shield and protective suit for anormal processing problems. Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Impervious clothing should be worn.			

SECTION 9: Physical and Chemical Properties

Appearance	Yellow transparent liquid	Specific Gravity	0.96-0.98 g/ml
Odor	None or lemon/lime fragrance	Flash Point/ boiling point	>205 F
Volatile Organic Compound	2-3%	Solubility in Water	Complete
pH Concentrate / As used	7.5-7.8 / 6.8-7.2	Evaporation Rate	Similar to water

SECTION 10: Stability and Reactivity

Reactivity	No decomposition if stored and applied as directed
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Stable under recommended storage conditions.
Conditions to avoid	Heat, flames, and ignition sources.
Incompatible materials	Strong acids and strong bases, oxidizing agents.
Hazardous decomposition products	No decomposition is used as directed.

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	Confirm animal carcinogen with unknown relevance to humans. Ethanol CAS 64-17-5
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>Acute Oral Toxicity LD50- (Rat, male and female)- 1,140mg/kg. Acute Dermal Toxicity LD50-(Rat, male and female) 0.59mg/l. Exposure time 4 hr. Skin irritation LD50 (Rat, male and female)> 250 mg/kg Moderate skin irritation Can cause severe eye irritation. No data available on the effects of fertility. No aspiration toxicity in classification Ingestion may cause nausea, vomiting, sore throat, stomach-ache and eventually lead to a perforation of the intestine.</p>

SECTION 12: Ecological Information

No data available on mixture. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

SECTION 13: Disposal Considerations

Do not dispose of waste into sewer. The product should not be allowed to enter drains, water sources or the soil. 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. Do not re-use empty containers.

SECTION 14: Transport Information

**DOT Packaging Exception 173.154,b,2,
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 Classification	Corrosive Liquids, toxic, n.o.s (Alkyldimethylbenzylammonium chloride)	Hazard Class	8
DOT Identification	UN2922	Packaging Group	II
Placard	Corrosive 8	Special Provisions for Bulk Transport (>119 gals container for liquids): Corrosive 8 Placard	Hazard Identification Number 86

SECTION 15: Regulatory Information

This product is a US EPA registered product. EPA Registration No 6836-364-1674
 This material does not contain any components subject to the reporting requirements of SARA Title III, Section 304.
 This material does not contain any components subject to the reporting levels established by SARA Title III, Section 313
 This material is a SARA 311/312 Hazardous chemical, Acute Health Hazard,

Ethyl Alcohol CAS 64-17-5 and Edetic Acid CAS 60-004 are Massachusetts Right to Know Chemicals

Water 7732-18-5, Dimethyldioctylammonium chloride CAS 558-94-3,
 Quaternary ammonium compounds, benzyl-C12-C18 alkyldimethylchlorides CAS 68391-01-5,
 Quaternary ammonium compounds, coco alkyldimethyl, chlorides CAS 61789-18-2
 Tetrasodium ethylenediaminetetraacetate CAS 64-02-8
 are Pennsylvania right-to know chemicals

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

SECTION 16: Other Information

Prepared 10/31/2023 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.

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.