

MIC Industries, Inc.
SAFETY DATA SHEET

1. Product and Company Identification

Product Code(s): 0199, 0199.02, 0200.01, 0200.1, 0200.12, 0200.2, 0200.21, 0200.3, 0200.4; 0195, 0195.1, 0195.2, 0195.3, 0195.31, 0195.4, 1095.5, 0195.6, 0196, 0197, 0199.0

Product Name(s): Quat 32 Disinfectant, Quat 64

Company Name: MIC Industries, Inc.

4835 Whirlwind Dr
San Antonio, TX 78217

Phone Number: (210) 590-1114

Recommended Use: Cleaning agent

Mic Quat 32 Lemon Step
Disinfectant Germicidal
Detergent and Deodorant

2. Hazard Identification

Hazard Classification(s): Skin Irritation – Category 2, Serious Eye Damage – Category 1, Corrosive to Metal – Category 1, Carcinogen – Category 2, Aquatic Hazard (Acute) – Category 2, Aquatic Hazard (Chronic) – Category 2

Signal Word: Danger

Hazard Statement(s):

- Causes skin irritation
- Causes serious eye damage
- May be corrosive to metal
- Suspected of causing cancer

Pictogram(s): Exclamation Mark, Health Hazard, Corrosion

Precautionary Statement(s):

- **Prevention:**
 - o Obtain special instructions before use
 - o Do not handle until all safety and precautions have been read and understood
 - o Keep only in original container
 - o Wash hands thoroughly after handling
 - o Wear protective gloves, eye protection, and face protection (see Section 8)
- **Response:**
 - o If exposed or concerned: Get medical advice/attention
 - o Absorb spillage to prevent material damage
 - o If on skin: wash with plenty of water
 - o If skin irritation occurs: get medical advice/attention
 - o See Section 4 for additional first aid details
 - o Take off contaminated clothing and wash it before reuse
 - o If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
 - o Immediately call a poison center or doctor
- **Storage:**
 - o Store locked up
 - o Store in corrosive resistant container with a resistant inner liner
 - o Store in a well-ventilated place. Keep cool
- **Disposal:**

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- Dispose of contents in accordance with all federal, state, and local applicable laws and regulations

3. Composition/Information on Ingredients

Hazardous Chemical	CAS#	Concentration
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	<1-3%
Alkyl(C12-14)dimethyl(ethylbenzyl)ammonium Chloride	85409-23-0	<1-3%
Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-, branched	127087-87-0	<1-5%
Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt	64-02-8	<1-10%

* Exact concentrations are not disclosed as trade secrets

4. First Aid Measures

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

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

Ingestion: Rinse mouth. Do NOT induce vomiting.

Most Important Symptoms: Causes skin irritation and serious eye damage. May cause blindness without immediate first aid. Harmful if swallowed

Note to Physician: Call 1-866-923-4913 for exposure management assistance.

5. Firefighting Measures

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide

Suitable Extinguishers: Water, Dry Chemical, CO₂, or Foam suitable for fire

Unsuitable Extinguishers: None

Methods: Select extinguisher and methods based on fire size and type.

Equipment: Wear SCBA and full protective gear as conditions warrant.

6. Accidental Release Measures

Precautions and Protective Equipment: Wear personal protection (see Section 8).

Environmental Precautions: Prevent spill from entering drain, storm sewer or surface waterway. Prevent water and soil contamination.

Cleanup Procedures: Small spills may be wiped up and rinsed with water. For larger spills, dike to contain. Pump to labeled container or absorb spillage and scoop up with inert absorbent material. After spill collection, rinse area with water and follow with normal clean-up procedures.

7. Handling and Storage

Handling: Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first aid measures. Avoid inhalation, ingestion, and contact with skin, eyes, and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before reuse. Product residue may remain in empty containers. Handle carefully to avoid damaging container.

Storage: Store tightly closed only in original plastic container. Store locked up. Store at ambient temperatures in a dry area out of direct sunlight. Protect from freezing.

Keep away from food and drink. Keep out of reach of children.

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs): NA

ACGIH Threshold Limit Values (TLVs): NA

Engineering Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protection:

- **Eyes:** Safety goggles and an eye wash station
- **Hands:** Chemical resistant protective gloves (rubber or neoprene)
- **Respiratory:** Suitable respirator if mists/vapors are not controlled by ventilation
- **Feet:** Rubber boots during spill clean-up and when exposure is possible
- **Body:** Rubber full cover protective clothing when exposure is possible

9. Physical and Chemical Properties

Physical State: Liquid

Color: Varies depending on added dyes

Odor: Varies depending on added fragrances

pH: NA

Viscosity: NA

Melting Point: NA

Freezing Point: NA

Initial Boiling Point and Boiling Range: NA

Flash Point: NA

Evaporation Rate: NA

Flammability (solid, gas): NA

Upper/Lower Flammability or Explosive Limits: NA

Vapor Pressure: NA

Vapor Density: NA

Relative Density: NA

Solubility: NA

Partition Coefficient: NA

Auto-ignition Temperature: NA

Decomposition Temperature: NA

10. Stability and Reactivity

Reactivity: No test data available

Chemical Stability:

- **Stable/Unstable under normal ambient conditions:** Stable
- **Stabilizers Needed:** None
- **Possibility of Hazardous Reaction:** Not established

Other:

- **Conditions to Be Avoided:** Excessive heat, incompatible materials
- **Incompatible Materials:** Strong acids, strong bases, strong oxidizing agents
- **Hazardous Decomposition Products:** Oxides of carbon

11. Toxicological Information

Routes of Exposure: Eyes, Skin, Ingestion, Inhalation

Numerical Measures of Toxicity: No LC50/LD50 test data on mixture

Acute Effects/Symptoms:

- **Eyes:** Causes serious eye damage. May cause blindness without immediate first aid
- **Skin:** Causes skin irritation
- **Ingestion:** Harmful if swallowed
- **Inhalation:** NA

Chronic Effects: NA

Specific Target Organs (Single): NA

Specific Target Organs (Repeated): NA

Carcinogens: IARC Group 2B Carcinogen

12. Ecological Information

Ecotoxicity: Data Not Available

13. Disposal Considerations

To minimize exposure, refer to Section 8: Exposure Controls/Personal Protection for recommendations.

Appropriate Disposal Methods: Dispose of contents in accordance with all federal, state, and local applicable laws and regulations.

Product should not be disposed of in sewage.

14. Transport Information

UN Number: UN1760

Proper Shipping Name: CORROSIVE LIQUID, N.O.S., MARINE POLLUTANT (contains Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, tetrasodium salt; Quaternary ammonium cations)

Transport Hazard Class: 8

Packing Group Number: III

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Marine Pollutant (Yes/No): Yes
Guidance on Transport in Bulk: NA
Special Precautions: NA

15. Regulatory Information

Regulatory Information:

Ingredients listed on the TSCA Inventory (CAS #): 68391-01-5, 85409-23-0, 127087-87-0, 64-02-8

- CERCLA Reportable Quantity: NA
- Ingredients on list of SARA Section 313 (CAS #): None
- RCRA Codes: NA
- OSHA Hazardous (Yes/No): Yes

16. Other Information

Date of Last Revision: 07/26/2018

Other Information: NA