


SECTION 1: Identification

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| Product Name | QUAT 64 Disinfectant | Item Code | QUAT64, QUAT64L, QUAT64M, QUAT64P |
| Recommended Use | Disinfecting cleaner and deodorizer | | |
| 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

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| 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 | |
| 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 2 | |

Precautionary Statements

Wear protective nitrile gloves, protective clothing and safety eyewear.
 Do not breathe dusts or mists.
 Do not eat, drink or smoke when using this product.
 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 exposed or concerned, call a POISON CENTER or contact a medical professional.
 Store in secure area.
 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 | Common name, synonyms, etc. | CAS # | % |
|---|---|------------|-----|
| Ethyl Alcohol | Ethanol | 64-17-5 | 3-4 |
| Alkyl dimethyl benzyl ammonium chloride | Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides | 68424-85-1 | 2-3 |
| Didecyldimethyl ammonium chloride | Quaternary ammonium compound | 7173-51-5 | 1-2 |

SECTION 4: First Aid Measures

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

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| Necessary measures for routes of exposure | IF SWALLOWED: Immediately call POISON CENTER or physician. Rinse mouth. DO NOT induce vomiting. Call Poison Center or emergency medical service. |
| | 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 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

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| Suitable extinguishing media. | Dry chemical, CO ₂ , 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 that is specifically recommended by the manufacturer. It may provide little or no thermal protection. |
| Emergency Response Guide # | 153 |

SECTION 6: Accidental Release Measures

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| 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

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| 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. |

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/m ³ | 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. | | | |

SECTION 9: Physical and Chemical Properties

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| Appearance | Green or yellow transparent liquid | Specific Gravity | 0.99-1.01 g/ml |
| Odor | None or mint/lemon/pine fragrance | Flash Point/ boiling point | NA/212°F |
| Volatile Organic Compound | 3-4% | Solubility in Water | Complete |
| pH Concentrate/As used | 7.5-8.5/6.8-7.8 | Evaporation Rate | Similar to water |

SECTION 10: Stability and Reactivity

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| 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

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| IARC | 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2-Propanol) |
| 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>N-Alkyl(C12-16)-N,N-dimethyl-N-benzylammonium chloride CAS 68424-85-21</u> Acute Oral Toxicity LD50- Rat- 344mg/kg. Acute Dermal Toxicity LD50- Rabbit- 3340 mg.kg. Skin irritation rabbit – Corrosive DOT method</p> <p><u>Didecyldimethylammonium chloride CAS 7173-51-5</u> Acute Toxicity LC50 Oral – rat- 238 mg/kg. Acute dermal toxicity LD50 rabbit- 3,342 mg/kg. Skin Corrosion/irritation eyes-rabbit, result eye irritation 24 hr.</p> |

SECTION 12: Ecological Information

N-Alkyl(C12-16)-N,N-dimethyl-N-benzylammonium chloride CAS 68424-85-21

EC50 algae: 0.126 ppm 96 hrs.

LC50 Daphnia 0.116-.032 ppm 48 hrs.

LC50 Fish: 0.056ppm 96 hrs.

Ecotoxicity Vey toxic to aquatic life with long lasting effects.

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

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|---------------------------|---|--|-----|
| DOT Classification | Disinfectants Liquid, Corrosive n.o.s. (Quaternary Ammonium compound) | Hazard Class | 8 |
| DOT Identification | UN1903 | 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 47371-131-1674
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 material is a SARA 311/312 Hazardous chemical, Acute Health Hazard,

Ethyl Alcohol 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 does contain a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 16: Other Information

Revision prepared 03/02/2022 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.
Previous Version Dated 02/05/2016

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.