

Safety Data Sheet
Final Quat

SECTION I - IDENTIFICATION

PRODUCT NAME: Final Quat
PRODUCT CODE: 3580
PRODUCT USE: One-Step Disinfectant
COMPANY NAME: QuestVapco Corporation
COMPANY ADDRESS: PO Box 624 Brenham, TX 77834
COMPANY PHONE: 1-800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Skin Corrosion: Category 1C

Eye Corrosion: Category 1

HAZARD STATEMENT(S): DANGER: Causes Severe skin burns and eye damage.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
n-Alkyl dimethyl benzyl ammonium chloride	68424-85-1	1.54%
Didecyl dimethyl ammonium chloride	7173-51-5	2.31%

SECTION IV - FIRST AID MEASURES

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting

INHALATION: If inhaled: Remove person to fresh air and keep comfortable for breathing.

SKIN: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

ACUTE HEALTH HAZARDS: Causes severe burns.

CHRONIC HEALTH HAZARDS: None known

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers and dilute spills to nonflammable mixture.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

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SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Soak up with an non-combustible material like vermiculite, sand or earth. Prevent spill from entering storm drains or sewers.

WASTE DISPOSAL: Dispose of residue in accordance with federal, state and local guidelines. Dispose of in a sanitary landfill. Offer drums for recycling. Smaller containers should be rinsed, resealed and placed in trash collection. Do not flush into surface water or sanitary sewer system.

RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area, keep containers tightly closed and dry. Keep out of reach of children and do not store near food, drink, or animal food.

OTHER PRECAUTIONS: None

INCOMPATIBILITY: Strong oxidizing agents and reducing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Quaternary Ammonium Compounds	Not established	Not established
Didecyl dimethyl ammonium chloride	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: N/A

RESPIRATORY PROTECTION: Not required with normal use.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands and contaminated clothing thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, Colorless Liquid

ODOR: Bland odor

ODOR THRESHOLD: Not Established.

BOILING POINT: > 212°F (100°C)

FREEZING POINT: N/D

FLAMMABILITY: Not considered a flammable liquid by OSHA (29CFR 1910.1200)

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): 760

VAPOR DENSITY (AIR=1): 1

EVAPORATION RATE: < 1

SPECIFIC GRAVITY (H₂O=1): 1.01

pH: 11

SOLIDS (%): N/D

SOLUBILITY IN WATER: 100%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

VOLATILITY INCLUDING WATER (%): 96%

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

DIELECTRIC STRENGTH (Volts): N/A

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: Strong acids and bases, compounds that react with unsaturated hydrocarbons.

CHEMICAL STABILITY: Stable

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CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Strong oxidizing agents and reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Irritating gases and vapors

POSSIBLE HAZARDOUS REACTIONS: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes severe irritation, burning, redness, tearing, pain.

INGESTION: Causes gastrointestinal irritation.

INHALATION: May cause slight irritation.

SKIN: Causes severe irritation, may cause chemical burns.

MEDICAL CONDITION AGGRAVATED: None known

ACUTE HEALTH HAZARDS: Causes severe burns.

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

BIODEGRADABILITY: This product is biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of residue in accordance with federal, state and local guidelines. Dispose of in a sanitary landfill. Offer drums for recycling. Smaller containers should be rinsed, resealed and placed in trash collection. Do not flush into surface water or sanitary sewer system.

RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: For gallon containers and smaller: Cleaning compound, n.o.s.

For containers larger than a gallon: Corrosive liquid, basic, organic, n.o.s.

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3267

PACKAGING GROUP: III

AIR SHIPMENT

PROPER SHIPPING NAME: Corrosive liquid, basic, organic, n.o.s.

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3267

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Corrosive liquid, basic, organic, n.o.s.

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3267

ENVIRONMENTAL HAZARDS WATER: None

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SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: California Proposition 65: None; **EDTA** (60-00-4) is on the RTK List for CA, MA, NJ, PA

INTERNATIONAL REGULATIONS: All components are listed or exempted.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Harmful if swallowed. Remove contaminated clothing and wash clothing before reuse. This pesticide is a cationic germicide. Do not mix with soap or anionic materials. Do not use or store near heat or flame. This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields.

EPA Reg. No. 47371-147-44446

NFPA HEALTH: 1

NFPA FLAMMABILITY: 0

NFPA REACTIVITY: 1

NFPA OTHER: None

HMIS HEALTH: 1

HMIS FLAMMABILITY: 0

HMIS REACTIVITY: 1

HMIS PROTECTION: B

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Jonathon Jarvis

DATE PREPARED: 7/12/2013

REVISION DATE: 05/22/2015

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.