

Safety Data Sheet

SECTION I - IDENTIFICATION

	E&C Chemicals, Inc 211 Avenue C Carrollton, GA 30117 Tel: 770-834-6207
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PRODUCT NUMBER:
PRODUCT NAME: **Quatinize 10**
CHEMICAL FAMILY: Sanitizer
CAS NUMBER: Multiple
DATE PREPARED: 5/28/2015
REVISION NUMBER: 5/28/2015

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B

WARNING!

GHS LABEL:



Hazard Statements

H315	Causes skin irritation
H320	Causes eye irritation

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Precautionary Statements

- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+352 IF ON SKIN: Wash with soap and water.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.
- P332+313 If skin irritation occurs: get medical advice/attention.
- P337+313 If eye irritation persists get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	5		
Alkyl Dimethyl Ethyl-Benzyl Ammonium Chloride	68956-79-6	5		

SECTION IV - FIRST AID MEASURES

- Contact with eyes:** Flush with water for 15 minutes. Seek immediate medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin contact:** Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.
- Inhalation:** If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- Ingestion:** If swallowed: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do not induce vomiting.

SECTION V - FIREFIGHTING MEASURES

- Suitable Extinguishing Media:** Water fog, foam, CO2, dry chemical.
- Special Fire Fighting Procedures** Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.
- Unusual Fire Fighting Hazards:** Not determined.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Mop up or absorb onto absorbant material and collect for disposal. Dispose of contents/container to an approved waste disposal plant.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not eat, drink or smoke when using this product. Do not breath dust/fume/gas/mist/vapors/spray. Use only with adequate ventilation. Wash face, hands, and any exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse.
 - Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of the reach of children.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5		
kyl Dimethyl Ethyl-Benzyl Ammonium Chloride	68956-79-6		

Engineering Controls: Apply technical measures to comply with the occupational exposure limits. Showers. Eyewash stations. Ventilation systems.

Monitoring: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse.

Personal Protective Equipment (PPE)

Eye Protection: Safety glasses with side shields or chemical goggles.

Skin Protection: Wear protective gloves and protective clothing.

Respiratory Protection: Under normal conditions, respirator is not required.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear red liquid
Odor	No odor
pH@25°C	8
Melting/Freezing Point	Not Determined
Flashpoint	Not Determined
Specific Gravity	1.0
Solubility	Complete
Auto-Ignition Temperature	Not Determined
Decomposition Temperature	Not Determined
VOC Content	Not Determined
Odor Threshold	Not Determined
Boiling Range	>212°F
Evaporation Point	Unknown
Flammable Limits - Upper	Not Determined
Flammable Limits - Lower	Not Determined
Vapor Pressure	Not Determined
Vapor Density (Air=1)	Not Determined
Viscosity	Not Determined

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Avoid high temperatures. Keep out of reach of children.

Hazardous Decomposition/Byproducts: None known

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Irritation or damage to the mucus membranes of the respiratory tract.
Nasal discomfort and coughing.
Do Not Inhale

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

Ingestion: Harmful if swallowed.

Toxicity:

Component Name	LD50	LC50
Alkyl Dimethyl Benzyl Ammonium Chloride		
Alkyl Dimethyl Ethyl-Benzyl Ammonium Chloride		

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, State, and local regulations.

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Disinfectants, liquid, corrosive, n.o.s.,
Contains: Quaternary Ammonium Comp
Hazard Class and Label: 8
Identification Number: UN1903
Packaging Group: II

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X	N/A		

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 1
HMIS Flammability: 0
HMIS Reactivity: 0

Additional:

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Specification Information

Department issuing data sheet: Revised 4/20/15

Email address:

Training necessary:

Disclaimer:

The information provided in this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.