


Safety Data Sheet
Quaternary Detergent/Disinfectant - Citrus

SECTION I - IDENTIFICATION

 JEM MFG	JEM MFG LLC 1901 Parrish Drive SE Rome, GA 30161 (706) 232-1709 CHEMTREC :..... (800) 424-9300
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Product Number F-425C
Product Name Quaternary Detergent/Disinfectant - Citrus
Chemical Family
CAS Number Multiple
Date Prepared 6/1/2015
Revision Number

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Not a Hazardous Substance or Mixture

No Hazards

GHS LABEL:

Hazard Statements

NC Not a Hazardous Substance or Mixture

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Precautionary Statements

NC Not a Hazardous Substance or Mixture

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 (C12-18)	68391-01-5	2.25		
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-14)	68956-79-6	2.25		

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Rinse thoroughly with water until soapy feeling disappears.

Inhalation: Remove victim to fresh air source. Seek medical attention if necessary.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO2, dry chemical.

Special Fire Fighting Procedures None.

Unusual Fire Fighting Hazards: None.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Skin: N/A
Safety glasses.

Environmental Precautions: Prevent liquid from entering drains, sewers or waterways.

Methods for Cleaning Up: Small Spill: Wipe up or wet vac small spills using proper personal protective equipment.
Large Spill: Absorb with water soluble media pads and/or booms. Mop, squeegee, or wet vacuum and containerize for proper disposal.

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- Avoid contact with eyes.
- Keep from freezing.
- Store in a cool, dry, ventilated area.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18)	68391-01-5		
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-14)	68956-79-6		

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Rinse hands thoroughly after use. Launder clothing if contaminated.

Personal Protective Equipment (PPE)

Eye Protection: Safety glasses.

Skin Protection: N/A

Respiratory Protection: N/A

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Clear liquid
Odor	Citrus scent
pH@25°C	10.5
Melting/Freezing Point	
Flashpoint	
Specific Gravity	
Solubility	Complete
Auto-Ignition Temperature	
Decomposition Temperature	
VOC Content	
Odor Threshold	
Boiling Range	212°F
Evaporation Point	Slow
Flammable Limits - Upper	
Flammable Limits - Lower	
Vapor Pressure	
Vapor Density (Air=1)	>1
Viscosity	29 CPS

SECTION X - STABILITY AND REACTIVITY

Stability: Stable, under normal conditions of storage and handling.

Conditions to Avoid: None

Hazardous Decomposition/Byproducts: None known

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: None known

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SECTION XI - TOXICOLOGICAL INFORMATION

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

Inhalation: May be irritating to throat.

Eye Contact: Mildly irritating.

Skin Contact: No harmful effects from skin adsorption are expected.

Ingestion: Irritation, possible nausea.

Toxicity:

Component Name	LD50	LC50
Alkyl Dimethyl Benzyl Ammonium Chloride (C12-18)		
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-14)		

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 state and local guidelines as they may differ from Federal laws and regulations. If uncontaminated by other products, this product may be disposed of as non-hazardous in the appropriate wastewater treatment facility.

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not regulated by DOT

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:.....

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				

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.

CALIFORNIA PROPOSITION 65:

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: In case of emergency, call CHEMTREC 800-424-9300

Disclaimer - The information in this SDS is given in good faith, but no warranty expressed or implied is made. JEM MFG LLC assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. As potential misuse of the material cannot be controlled by the manufacturer, vendees or end users assume all risks associated with the use of the material.

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