Safety Data Sheet
(pursuant to 29 CFR §1910.1200(g) and Appendix D)

Section 1: Product Identification
Product Name: ReadyQuat Ready-To-Use Sanitizer
Product No. 185
Recommended Use: Hard surface cleaning and disinfecting
Manufacturer: Crown Chemical, Inc.
Address: 4701 W. 136th Street
Crestwood, IL 60445
www.crown-chem.com
Daytime Telephone: (708) 371-6900
Emergency Telephone (24 hour): (800) 535-5053

Section 2: Hazard Identification
Hazard Class: Irritant Mixture
Signal Word: Warning
Hazard Category(es): Skin Corrosion/Irritation – Category 2; Eye Damage/Irritation – Category 2A
Hazard Statement(s): Causes skin irritation; Causes serious eye irritation

Precautionary Statements:
Prevention: Do not breathe dust or mists. Wear protective rubber gloves and chemical splash goggles when using this product. Mix ONLY with water. Wash thoroughly after handling.
Response: If swallowed: Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice. If on skin (or hair): Wash with plenty of water. Take off contaminated clothing and wash before reuse. Call a Poison Control Center or doctor for treatment if irritation persists. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center or doctor for treatment advice.
Storage: Store locked up
Disposal: See Section 13 for disposal information
Hazardous Substances Not Otherwise Classified: None identified

Section 3: Composition/Information on Ingredients
Product Type: Mixture
Hazardous Ingredient Name (common name(s))
Quaternary Ammonium Chlorides
CAS Number: 68391-01-5, 85409-23-0
Concentration Range (%):
<1.0

Section 4: First-Aid Measures
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Control Center or doctor for treatment advice.
Skin Contact: Wash with plenty of water. Take off contaminated clothing and wash before reuse. Call a Poison Control Center or doctor for treatment advice if irritation persists.
Ingestion: Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor if you feel unwell.
Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a Poison Control Center or doctor for treatment advice.

Symptoms of Exposure: See Section 11 for additional information.

Indication of Immediate Medical Attention and Special Treatment Needed: Treat exposure symptomatically. In all cases where large quantities have been ingested or inhaled, contact a doctor or Poison Control Center immediately.

Section 5: Fire-Fighting Measures
Suitable Fire Extinguishing Media: Use water spray, fog or foam. Specific Hazards: None known
Decomposition Byproducts: Carbon dioxide, carbon monoxide and/or metal oxides.
Special Protective Equipment: Self-contained breathing apparatus.
Specific Precautions: Remove all persons from the vicinity. No responsive action should be taken without proper training.

Section 6: Accident Release Measures
Personal Precautions: Initiate spill containment procedures immediately using containment or absorption methods. Keep people away from area. Put on appropriate protective equipment (see Section 8).
Spill Cleanup: Do not allow spilled material to enter sewers, watersways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

Section 7: Handling and Storage
Handling Precautions: Avoid contact with eyes, skin or clothing. Avoid inhalation of dust or mists. Use in a well ventilated area. Wash thoroughly after handling.
Storage Precautions: Keep out of reach of children. Keep containers tightly closed when not in use. Store in a well ventilated area between 60-100°F (15–38°C). Avoid ignition sources.

Section 8: Exposure Controls/Personal Protection
Hazardous Ingredient Name (common name) Quaternary Ammonium Chlorides
OSHA PEL: No data available
ACGIH TLV: 1000 ppm (TWA) (for ethanol)
Engineering Controls: Use with adequate ventilation to maintain exposure limits below listed thresholds.
Personal Protective Equipment: The following protective equipment is recommended during usage:

Eye protection: Wear chemical splash goggles or face shield when using this product.
Skin protection: Wear protective rubber gloves and a long sleeved shirt to prevent contact.
Respiratory protection: If inhalable particles of dusts or mists may occur during use, wear NIOSH approved respiratory protection.

Section 9: Physical and Chemical Properties
Physical State: Colorless Liquid
Odor: Characteristic
pH (% solution): <11.5
Melt Point: NA
Freeze Point: -0°F
Boiling Point: No Data
Flash Point: Non-Combustible
Evaporation Rate (H2O = 1.0): >1.0
Flammability: NA
Explosion Limits: NA
Vapor Pressure: No Data
Vapor Density (Air = 1.0): >1.0
Solubility (in 120°F Water): 100%
Viscosity (H2O = 1.0): >1.0
Partition coefficient: n-octanol/water: No data available
Auto Ignition Temperature: No data available
Decomposition Temperature: No data available

Section 10: Stability and Reactivity
Stability: Product is stable under normal storage and usage conditions.
Reactivity: Product is not reactive under normal storage and usage conditions. Mix this product ONLY with water.
Incompatibilities: Strong oxidizers, bases and acids.
Hazardous Decomposition Byproducts: None are expected under normal storage and usage conditions.

Section 11: Toxicological Information
Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation
Symptoms: Eye contact may cause irritation or pain, redness and watering. Skin contact may cause irritation or pain and redness. Inhalation may cause coughing, choking and respiratory tract irritation. Ingestion may cause stomach and throat pain.
Acute Effects of Exposure: Irritation and possible damage to eyes and skin. Irritation to respiratory tract, mouth, throat and stomach.
Toxicity Data: Quaternary Ammonium Chlorides: Oral (LD50) 500 mg/kg (rat)
Chronic Effects of Exposure: No known significant effects or critical hazards.
Carcinogen Listing Source: NA

Section 12: Ecological Information
Bioaccumulative Potential: No data
Mobility in Soil: No data
Other Adverse Effects: No known significant effects or critical hazards.

Section 13: Disposal Considerations
Spill Cleanup: Do not allow spilled material to enter sewers, watersways or soil. Neutralize with water. Mop, sweep or otherwise collect spilled material and hold for disposal. Consult local government authorities for allowable disposal methods. After removal, rinse area completely with water to remove residue.

Section 14: Transport Information
DOT Proper Shipping Name: Non-regulated liquid
Note: Certain package sizes of this product may qualify for exceptions to DOT’s packaging, labeling and other requirements, and thus may have different DOT shipping names. For bulk shipments, see the shipping documents.

Section 15: Regulatory Information
Regulation: Listing
TSCA §8(b) Inventory: All Ingredients Listed
SARA Title III §301-303 Extremely Hazardous Substances: None
SARA Title III §304 Reportable Quantity (RQ) Release Notification Chemicals: None
SARA Title III §311-312 Right-To-Know Hazardous Chemicals: Quaternary Ammonium Chlorides
SARA Title III §311-312 Right-To-Know Extremely Hazardous Substances: None
SARA Title III §313 Form R Reportable Chemicals: None

Section 16: Other Information
Date of Last Revision: May 1, 2015
The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.