

# SAFETY DATA SHEET

Date Prepared : 5/30/2015  
SDS No : Perfect RTU\_SDS

## Perfect RTU

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Perfect RTU  
**GENERAL USE:** Food Service Sanitizer  
**PRODUCT CODE:** F10-25070

#### MANUFACTURER

Ultra-Chem Inc.  
8043 Flint  
Lenexa, KS 66214

**Emergency Phone:** 913-492-2929

**Customer Service:** 800-451-0726

**Transportation:** 800-535-5053

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

Infotrac 800-535-5053

### 2. HAZARDS IDENTIFICATION

#### GHS LABEL

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	< 1	68391-01-5
Alkyl dimethyl ethyl benzyl ammonium chloride	< 1	85409-23-0

### 4. FIRST AID MEASURES

**EYES:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately. In case of contact with eyes, rinse immediately with plenty of water.

**SKIN:** Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. Call a POISON CENTER or doctor / physician. Remove and wash contaminated clothing before re-use.

**INGESTION:** Rinse mouth. Do NOT induce vomiting. Call a physician or Poison Control Center.

**INHALATION:** Remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician or Poison Control Center if you feel unwell.

### 5. FIRE FIGHTING MEASURES

**GENERAL HAZARD:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and carbon dioxide, and toxic chloride vapors.

**OTHER CONSIDERATIONS:** In a fire or if heated, a pressure increase will occur and the container may burst.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if not water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**LARGE SPILL:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

## 7. HANDLING AND STORAGE

**HANDLING:** Ensure adequate ventilation. Wear personal protective equipment as required based on a risk assessment. Do not get in eyes, on skin, or on clothing. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

**STORAGE:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food or drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** If splashes are likely to occur, wear: Tightly fitting safety goggles and face shield

**SKIN:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**RESPIRATORY:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations.

**PROTECTIVE CLOTHING:** Wear chemical protective clothing e.g. gloves, aprons, boots. As conditions required.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Fragranced

**ODOR THRESHOLD:** No data available

**APPEARANCE:** Colored Liquid

**pH:** 7 to 7.5

**FLASH POINT AND METHOD:** < (212°F)

**FLAMMABLE LIMITS:** No data available

**AUTOIGNITION TEMPERATURE:** No data available

**VAPOR PRESSURE:** No data available

**VAPOR DENSITY:** No data available

**BOILING POINT:** ~ (212°F)

**FREEZING POINT:** No data available

**MELTING POINT:** No data available

**THERMAL DECOMPOSITION:** No data available

**SOLUBILITY IN WATER:** Completely soluble

**EVAPORATION RATE:** Similar to water

**10. STABILITY AND REACTIVITY****STABLE:** Yes**HAZARDOUS POLYMERIZATION:** No**STABILITY:** Stable under recommended storage conditions.**POLYMERIZATION:** Hazardous polymerization does not occur.**POSSIBILITY OF HAZARDOUS REACTIONS:** Under normal conditions of storage and use, hazardous reactions will not occur.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>) and toxic chloride vapors**INCOMPATIBLE MATERIALS:** Strong oxidizing agents. Strong reducing agents.**11. TOXICOLOGICAL INFORMATION****ACUTE****DERMAL LD<sub>50</sub>:** > 2000 mg/kg Rabbit**ORAL LD<sub>50</sub>:** > 5000 mg/kg ( Rat )**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** This material has not been tested for acute environmental effects.**ECOTOXICOLOGICAL INFORMATION:** No data available**BIOACCUMULATION/ACCUMULATION:** No evidence to suggest bio-accumulation will occur.**DISTRIBUTION:** No data available**CHEMICAL FATE INFORMATION:** This product is biodegradable**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** This material, as supplied, is not a hazardous waste according to federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixing with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****OTHER SHIPPING INFORMATION:** Not regulated for domestic ground transportation**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

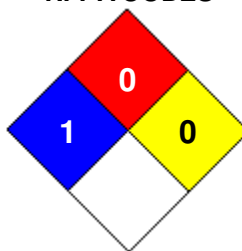
Chemical Name	CAS
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	68391-01-5
Alkyl dimethyl ethyl benzyl ammonium chloride	85409-23-0

**16. OTHER INFORMATION****PREPARED BY:** KH **Date Prepared:** 5/30/2015

## HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		C

## NFPA CODES



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