

# SAFETY DATA SHEET

Date Prepared : 05/22/2015

SDS No : Kennedy Industries, Inc.\_Ken Clean RTU

## Ken Clean RTU

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Ken Clean RTU  
**GENERAL USE:** Ready to Use Disinfectant Cleaner  
**PRODUCT DESCRIPTION:** Ready to Use Detergent Disinfectant  
**CHEMICAL FAMILY:** Quaternary ammonium chloride

#### DISTRIBUTOR

Kennedy Industries, Inc.  
935 Horsham Road  
Suite K  
Horsham, PA 19044  
**Customer Service:** 215-443-3313

**EPA REG. NO.:** 10324-85-67297

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924  
**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Skin Irritation, Category 3  
Eye Irritation, Category 2B

#### GHS LABEL

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H320: Causes eye irritation.  
H316: Causes mild skin irritation.  
H303: May be harmful if swallowed.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash hands thoroughly after handling.  
P234: Keep only in original packaging.

##### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362: Take off contaminated clothing.

##### Storage:

P405: Store locked up.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Blue-green liquid

**IMMEDIATE CONCERNS:** Moderate eye irritant.

## POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes eye irritation.

**SKIN:** May be mildly irritating with prolonged or repeated contact.

**SKIN ABSORPTION:** No known significant effects or critical hazards.

**INGESTION:** Harmful if swallowed.

## REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**CARCINOGENICITY:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

**ROUTES OF ENTRY:** Eye, skin, ingestion.

**WARNING CAUTION LABELS:** Irritant

**PHYSICAL HAZARDS:** None Expected.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Alkyl dimethylbenzyl ammonium chloride(C12-C16)	0.034	68424-85-1
Octyl decyl dimethyl ammonium chloride	0.026	32426-11-2
Dioctyl dimethyl ammonium chloride	0.013	5538-94-3
Didecyl dimethyl ammonium chloride	0.013	7173-51-5
Nonylphenol Ethoxylate	0 - 5	9016-45-9
Dye	< 0.1	N/A
Fragrance	< 1	N/A
Water	90	7732-18-5

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Remove contaminated clothing. Immediately flush with water followed by washing with mild soap. Seek medical attention.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Burning sensation with tears, redness.

**SKIN:** Redness and itching sensation.

**SKIN ABSORPTION:** Not Established

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE TOXICITY:** Irritating to eyes, mild skin irritation.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None

**EXTINGUISHING MEDIA:** Not required.

**EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen

oxides.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**RELEASE NOTES:** Product is toxic to fish and aquatic invertebrates.

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Do not contaminate water, food, or feed by storage or disposal.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Store only in original container. Do not reuse empty container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, and water sources. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Fresh

**ODOR THRESHOLD:** Not Established

**COLOR:** Blue-green

**pH:** 10.0 to 11.5

**PERCENT VOLATILE:** >98

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** 20 mm Hg at 20°C (68°F)

**VAPOR DENSITY:** ~ 1 Air = 1

**BOILING POINT:** 212° F; 100° C

**FREEZING POINT:** 32° F; 0° C

**THERMAL DECOMPOSITION:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.33 at 20°C (68°F)

**SPECIFIC GRAVITY:** 1 grams/ml. at 20°C (68°F)

**VISCOSITY:** Water thin.

**(VOC):** None

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Not Established

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

**INCOMPATIBLE MATERIALS:** Strong oxidizers

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Alkyl dimethylbenzyl ammonium chloride(C12-C16)	450 mg/kg (rat)	3342 mg/kg (rabbit)
Octyl decyl dimethyl ammonium chloride	200 to 2000 mg/kg (rat)	Not available
Diocetyl dimethyl ammonium chloride	50 mg/kg (mouse)	Not available
Didecyl dimethyl ammonium chloride	268 mg/kg (mouse)	2730 mg/kg (rabbit)
Nonylphenol Ethoxylate	16000 mg/kg (rat)	4490 mg/kg (rabbit)

**EYES:** Causes eye irritation.

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg male and female rabbits.

**SKIN ABSORPTION:** Not Established

**ORAL LD<sub>50</sub>:** > 5000 mg/kg Male and Female rats.

**INHALATION LC<sub>50</sub>:** Not Established

**EYE EFFECTS:** Mild to moderate eye irritant.

**SKIN EFFECTS:** May irritate skin with prolonged or repeated contact.

### CARCINOGENICITY

**IARC:** No listed substance

**CORROSIVITY:** NA = Not Applicable

**SENSITIZATION:** No known significant effects or critical hazards.

**NEUROTOXICITY:** No known significant effects or critical hazards.

**GENETIC EFFECTS:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**TARGET ORGANS:** No known significant effects or critical hazards.

**MUTAGENICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** This product is toxic to fish and aquatic invertebrates.

**AQUATIC TOXICITY (ACUTE):** Not Established

**CHEMICAL FATE INFORMATION:** This product is biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Attempt to use product completely in accordance with intended use. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at your local office, or the nearest EPA regional office for guidance.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**EMPTY CONTAINER:** Triple rinse container promptly after emptying. Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain and repeat. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Not regulated.

**PLACARDS:** None

**LABEL:** None

**U.S. CUSTOMS HARMONIZATION NUMBER:** 3808.94.0000

### AIR (ICAO/IATA)

**SHIPPING NAME:** Not regulated.

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Not regulated.

## 15. REGULATORY INFORMATION

### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** Health - Acute

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** No listed substance

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** No listed substance

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

#### STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Nonylphenol Ethoxylate	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

**CALIFORNIA PROPOSITION 65:** No listed substance

**CARCINOGEN:** No listed substance

**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** Regulated

**16. OTHER INFORMATION**

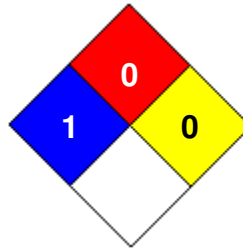
**PREPARED BY:** Regulatory Affairs Department

**Date Prepared:** 05/22/2015

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>		<b>0</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

**NFPA CODES**



**MANUFACTURER DISCLAIMER:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.