

# Safety Data Sheet

## WC-147 SANITIZER

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** WC-147 SANITIZER

**PRODUCT DESCRIPTION:** SANITIZER

#### MANUFACTURER

WAYNE CHEMICAL, INC  
7114 Homestead Road  
Fort Wayne, IN 46814  
**Emergency Phone:** 260-432-1120  
**Customer Service:** 260-432-1120  
**E-Mail:** info@waynechemical.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300  
**CHEMTREC Account Number :** 24245

**EPA REG. NO.:** 10324-81-34859

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Serious Eye Damage  
Skin corrosion/irritation  
Respiratory Tract Irritation  
Harmful if swallowed, inhaled, or absorbed through the skin

##### Environmental:

Keep out of sewers and open bodies of water.

#### GHS LABEL



Corrosion



Health  
hazard



Environment

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H303: May be harmful if swallowed.  
H305: May be harmful if swallowed and enters airways.  
H314: Causes severe skin burns and eye damage.  
H313: May be harmful in contact with skin.  
H335: May cause respiratory irritation.  
H333: May be harmful if inhaled.

## PRECAUTIONARY STATEMENTS

### Prevention:

- P102: Keep out of reach of children.  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P391: Collect spillage.

### Response:

- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P302: IF ON SKIN: Immediately flush skin with large amounts of water for at least 15 minutes while removing contaminated clothing and footwear. Wash contaminated clothing before reuse. Discard footwear that cannot be decontaminated. If irritation persists, SEEK MEDICAL ATTENTION IMMEDIATELY.  
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P306: IF ON CLOTHING: Remove contaminated clothing and footwear and wash before reuse.

### Storage:

- P401: Store out of reach of children.  
P404: Store in a closed container.

### Disposal:

- P501: Dispose of contents/container to local, regional, national, territorial, provincial, and international regulations.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Alkyl Dimethylbenzylammonium Chloride	3	68424-85-1
Octyl decyl dimethyl ammonium chloride	2.25	32426-11-2
Dioctyl Dimethyl Ammonium Chloride	1.125	5538-94-3
Didecyl Dimethyl Ammonium Chloride	1.125	7173-51-5
Ethyl Alcohol	0.75 - 1.5	64-17-5

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with large amounts of cool running water. If present, remove contact lenses. Continue flushing for at least 15 minutes while holding eyelids apart to ensure flushing of entire eye surface. SEEK MEDICAL ATTENTION IMMEDIATELY.

**SKIN:** Immediately flush skin with large amounts of water for at least 15 minutes while removing contaminated clothing and footwear. Wash contaminated clothing before reuse. Discard footwear that cannot be decontaminated. If irritation persists, SEEK MEDICAL ATTENTION IMMEDIATELY.

**INGESTION:** If swallowed, immediately drink 3 to 4 glasses of milk. If unavailable, give large amounts of water. Do NOT induce vomiting. IMPORTANT -- Readminister water if patient is vomiting. Have physician determine if patient's condition allows for induction of vomiting or evacuation of the stomach. Do NOT give anything by mouth to an unconscious or convulsing person. SEEK MEDICAL ATTENTION IMMEDIATELY.

**INHALATION:** Remove person to fresh air at once. If breathing is difficult, give oxygen. If breathing has stopped, give mouth-to-mouth resuscitation. SEEK MEDICAL ATTENTION IMMEDIATELY.

## **SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Corrosive effect. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

**SKIN:** Causes corrosive burns. Brief exposure may cause irritation and defatting of the skin. Exposures not promptly washed off may lead to toxic effects similar to ingestion. May be fatal if absorbed through the skin.

**INGESTION:** Causes immediate burning pain in the mouth, throat and abdomen; severe swelling of the larynx; skeletal muscle paralysis affecting the ability to breath; circulatory shock; and convulsions. May be fatal.

**INHALATION:** Can be corrosive to mucous membrane.

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

## **5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** Non-flammable

**EXTINGUISHING MEDIA:** Dry chemical, foam, carbon dioxide or water fog or water (if appropriate for surrounding fire).

**HAZARDOUS COMBUSTION PRODUCTS:** Irritating and toxic gases or fumes may be released during a fire.

**FIRE FIGHTING PROCEDURES:** In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials.

## **6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Ventilate closed spaces before entering. Floor will be slippery. Do not touch or walk through spilled material. Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Prevent entry into waterways, sewers, basements, or confined areas. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean tools to collect absorbed material.

**LARGE SPILL:** Wear protective clothing. Contain spill for later disposal. Water spray may reduce vapor but will increase foaming.

## **7. HANDLING AND STORAGE**

**HANDLING:** Avoid contact with skin and eyes. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Wash thoroughly after work using soap and water.

**STORAGE:** Keep the container tightly closed and in a cool, well-ventilated place. Keep from freezing.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethyl Alcohol	TWA	1000	1900	1000	1884

**ENGINEERING CONTROLS:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety goggles or face shield.

**SKIN:** Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.

**RESPIRATORY:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**PROTECTIVE CLOTHING:** Wear appropriate chemical resistant clothing.

**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating or drinking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Didecyl Dimethyl Ammonium Chloride	107

**ODOR:** Mild, Amine odor

**APPEARANCE:** Clear Liquid

**COLOR:** Orange

**pH:** 6.0 to 8.0

**PERCENT VOLATILE:** 1.5% by weight

**FLASH POINT AND METHOD:** None

**VAPOR PRESSURE:** Not yet Determined

**VAPOR DENSITY:** Estimated to be heavier than air.

**SOLUBILITY IN WATER:** Completely Miscible

**EVAPORATION RATE:** NA = Not Applicable

**SPECIFIC GRAVITY:** 0.974

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**STABILITY:** Material is stable under normal conditions.

**POLYMERIZATION:** Hazardous polymerization does not occur.

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

**INCOMPATIBLE MATERIALS:** Keep away from heat and strong oxidizing agents.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Didecyl Dimethyl Ammonium Chloride	450	3342	
Ethyl Alcohol	7060 mg/kg (Rat)	20000 mg/kg (Rabbit)	31623 ppm/4 hr. (Rat)

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg

**Notes:** Rabbit

**ORAL LD<sub>50</sub>:** 1850 mg/kg

**Notes:** Rat

**EYE EFFECTS:** Corrosive

**SKIN EFFECTS:** Corrosive

### CARCINOGENICITY

**Notes:** No Carcinogenicity data available for this product.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Very toxic to aquatic organisms.

**BIOACCUMULATION/ACCUMULATION:** This product is biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Although not considered a hazardous waste, the discarding of this material should be done at a properly permitted facility in accordance with the regulations of 40 CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. The transportation, storage, treatment and disposal of this waste material must be conducted in compliance with all applicable Federal, state, and local regulations.

## 14. TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Disinfectants, Corrosive Liquid, n.o.s, (Quaternary Ammonium Compound)

**PRIMARY HAZARD CLASS/DIVISION:** 8 (Corrosive)

**UN/NA NUMBER:** UN 1903

**PACKING GROUP:** II

## 15. REGULATORY INFORMATION

### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** None

**313 REPORTABLE INGREDIENTS:** None

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** None

#### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** None

#### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Alkyl Dimethylbenzylammonium Chloride	68424-85-1
Dioctyl Dimethyl Ammonium Chloride	5538-94-3
Didecyl Dimethyl Ammonium Chloride	7173-51-5
Ethyl Alcohol	64-17-5

## 16. OTHER INFORMATION

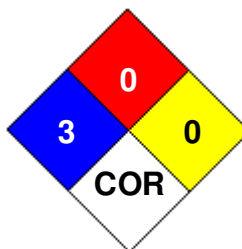
**PREPARED BY:** Wayne Chemical, Inc.

**REVISION SUMMARY:** This SDS replaces the 7/22/2014 SDS.

### HMIS RATING

<b>HEALTH</b>	<input type="checkbox"/>	<b>3</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>B</b>

### NFPA CODES



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