

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

EPA REG. NO.: 10324-81-34859

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

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 no 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)

Chemical Name	EXPOSURE LIMITS			
	OSHA PEL	ACGIH TLV	ppm	mg/m ³
Ethyl Alcohol	TWA	1000	1900	1000

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

DERMAL LD₅₀: > 2000 mg/kg

Notes: Rabbit

ORAL LD₅₀: 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
Diocetyl Dimethyl Ammonium Chloride	5538-94-3
Didecyl Dimethyl Ammonium Chloride	7173-51-5
Ethyl Alcohol	64-17-5

16. OTHER INFORMATION

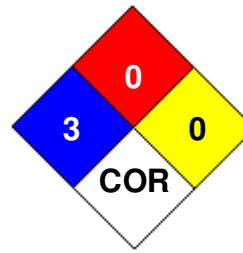
PREPARED BY: Wayne Chemical, Inc.

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

HMIS RATING

HEALTH	 3
FLAMMABILITY	 0
PHYSICAL HAZARD	 0
PERSONAL PROTECTION	 B

NFPA CODES



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