

Safety Data Sheet

WC-460 CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WC-460 CLEANER

PRODUCT DESCRIPTION: CLEANER

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

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Harmful or fatal if swallowed

Ingestion causes immediate burning pain in mouth, throat abdomen and severe swelling of the larynx, skeletal muscle paralysis shock and convulsions.

Eye Corrosion

Repeated contact can cause severe irritation and possible sensitization.

Inhalation of solvent mist can cause irritation of all mucous membranes.

Environmental:

Keep out of sewers and open bodies of water.

GHS LABEL



Corrosion



Environment



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H303: May be harmful if swallowed.

H305: May be harmful if swallowed and enters airways.

H313: May be harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H333: May be harmful if inhaled.

H335: May cause respiratory irritation.

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	1.63	68424-85-1
Octyl decyl dimethyl ammonium chloride	1.22	32426-11-2
Dioctyl Dimethyl Ammonium Chloride	0.61	5538-94-3
Didecyl Dimethyl Ammonium Chloride	0.61	7173-51-5
Ethyl Alcohol	< 1	64-17-5
Proprietary alkalinity booster	< 10	
Proprietary surfactant	< 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: Can be corrosive.

SKIN: Irritation, burning and/or stinging of the skin

INGESTION: Can cause irritation and/or chemical burns to mouth, throat, and digestive tract.

INHALATION: Can cause irritation to the respiratory tract.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Non-flammable

EXTINGUISHING MEDIA: Material will not burn. Use media appropriate for surrounding fire.

EXPLOSION HAZARDS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Heating to decomposition may produce toxic hydrogen chloride fumes and oxides of carbon and nitrogen

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear personal protective equipment. Absorb and/or contain spill with inert material, then place in suitable container.

LARGE SPILL: Wear protective clothing. Wear respirator. A self contained breathing apparatus is preferred. Dike and contain large spills with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. **Keep spills out of sewers and open bodies of water.**

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: Close container tightly after each use. Store in a cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
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: ~ 12.1

FLASH POINT AND METHOD: > (212°F)

AUTOIGNITION TEMPERATURE: >

SOLUBILITY IN WATER: Completely Miscible

SPECIFIC GRAVITY: 1.07

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Material is stable under normal conditions.

POLYMERIZATION: None known.

CONDITIONS TO AVOID: Incompatibles

HAZARDOUS DECOMPOSITION PRODUCTS: Heating to decomposition may produce toxic hydrogen chloride fumes and oxides of carbon and nitrogen

INCOMPATIBLE MATERIALS: Strong acids, strong oxidizing agents, and strong reducing 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)

EYE EFFECTS: Corrosive

SKIN EFFECTS: Corrosive

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

ECOTOXICOLOGICAL INFORMATION: No data available.

BIOACCUMULATION/ACCUMULATION: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and Federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Corrosive Liquids, Flammable, n.o.s. (Quaternary Ammonium Compound, Ethanol)

PRIMARY HAZARD CLASS/DIVISION: 8 (Corrosive)

UN/NA NUMBER: UN 1760

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

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

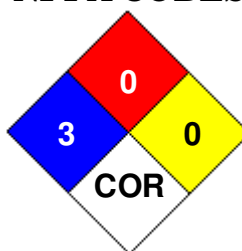
PREPARED BY: Wayne Chemical, Inc.

Revision Date: 1-1-2026

HMIS RATING

HEALTH		3
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

NFPA CODES



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