

# SAFETY DATA SHEET

## SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Aqua Chem Pacs, LLC.  
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(215) 396-7200

REVISION DATE:..... 6/8/15  
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PRODUCT NAME: Disinfectant Cleaner (CONCENTRATE)  
PRODUCT TYPE: Liquid Disinfectant

## SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Flammable liquids (3) Acute Toxicity Oral (3) Acute Toxicity Inhalation (2) Skin Corrosion (1) Serious Eye Damage (1) Target Organ Toxicity- Single Exposure (2) Hazardous to the aquatic environment, acute hazard (1) Hazardous to the aquatic environment, long-term hazard (1).

Symbols:



SIGNAL WORD: DANGER!

HAZARD STATEMENT: Flammable liquid and vapor. Toxic if swallowed. Fatal if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. May cause damage to organs.

PRECAUTIONARY STATEMENTS:

PREVENTION: Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Use only outdoors or in well-ventilated area. Ground/bound container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection. Avoid release to the environment.

RESPONSE: Collect spillage. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair):. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Immediately Call a POISON CENTER or doctor/physician. Specific treatment is urgent (see this label). Wash contaminated clothing before reuse. In case of fire: use appropriate media to extinguish.

STORAGE: Store in well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

DISPOSAL: Dispose of container and contents in accordance with local regulations.

## SECTION III – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	%
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	20.0-30.0
Alcohol ethoxylate	Proprietary	15.0-20.0
Octyl decyl dimethyl ammonium chloride	32426-11-12	10.0-20.0
Didecyl dimethyl ammonium chloride	7173-51-5	5.0-10.0
Ethanol	64-17-5	5.0-10.0
Diocetyl dimethyl ammonium chloride	5538-94-3	5.0-10.0

## SECTION IV – FIRST AID

BREATHING (INHALATION): If this product is inhaled, get immediate medical attention!

SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water, followed by either milk or a minimum of 2 teaspoons of milk of magnesia. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get immediate medical attention!

SKIN (DERMAL): Rinse completely from hands, face and clothing. Flush skin with fresh water for at least 15 minutes. Get immediate medical treatment!

NOTE TO PHYSICIAN: Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## SECTION V – FIRE FIGHTING MEASURES

FLASHPOINT: 112 degrees F.

EXTINGUISHING MEDIA: Water fog. Dry chemical powder, Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA with a plastic hood window.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not use water jet, as this will spread the fire.

## SECTION VI – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Dike to prevent spillage into streams or sewer systems. Eliminate all ignition sources. Wear proper PPE while conducting spill operations. Consult local, state and federal authorities.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

## SECTION VII – HANDLING & STORAGE

STORAGE: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Store in well-ventilated, cool atmosphere. Protect material from direct sunlight. Do not store near water or food. DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

HANDLING: Wear proper personal protective equipment. Avoid prolonged exposure. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

## SECTION VIII – EXPOSURE CONTROLS/ PERSONAL PROTECTION

RESPIRATORY PROTECTION: If necessary, use an OSHA approved respirator for acid gases.

PROTECTIVE CLOTHING: Nitrile, vinyl or neoprene gloves. Splash goggles and face shield. Protective outerwear and boots.

ADDITIONAL MEASURES: Under normal use according to label instructions, special protection should not be necessary. Wear eye protection if product is likely to splash. Do not place this product in an unmarked container! Keep away from children! Spilled material is slippery.

INGREDIENT	C.A.S. NUMBER	PEL
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	No limits established
Alcohol ethoxylate	Proprietary	No limits established
Octyl decyl dimethyl ammonium chloride	32426-11-2	No limits established
Didecyl dimethyl ammonium chloride	7173-51-5	No limits established
Ethanol	64-17-5	1900 mg/m3 PEL, TWA
Diocetyl dimethyl ammonium chloride	5538-94-3	No limits established

## SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR: Green liquid, with a pleasant odor.; ODOR THRESHOLD: N/A

pH: 7.68; MELTING POINT: N/A; FREEZING POINT: N/A; BOILING POINT RANGE: N/A;

FLASHPOINT: 112 degrees F PMCC; EVAPORATION RATE: N/A

EXPLOSION LIMITS: N/A; VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR=1): N/A; SPECIFIC GRAVITY: 0.94; SOLUBILITY IN WATER: Completely soluble.

PARTITION COEFFICIENT: N/A; AUTO-IGNITION TEMPERATURE: N/A; DECOMPOSITION TEMPERATURE: N/A

VISCOSITY: Water thin to slight body

## SECTION X – STABILITY AND REACTIVITY DATA

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMP.: This product not known to polymerize.

INCOMPATIBILITY: Strong oxidizing agents. Anionic surfactants.

## SECTION XI – TOXICOLOGICAL INFORMATION

INGESTION: Toxic if swallowed. Causes digestive tract burns.

INHALATION: Not likely, due to form of the product.

SKIN CONTACT: Can cause severe skin burns.

EYES: Can cause serious eye damage.

LISTED CARCINOGEN: This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

ACUTE TOXICITY\* (ORAL) : 100 mg/kg

ACUTE TOXICITY\* (DERMAL): >2000 mg/kg

ACUTE TOXICITY\* (INHALATION): 0.5 mg/l (Vapor)

\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6)

## SECTION XII – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: Very toxic to aquatic life with long lasting effects. Readily biodegradable.

## SECTION XIII – DISPOSAL PROCEDURES

WASTE DISPOSAL: As recommended by local, state and federal authorities. Pesticide wastes are acutely hazardous.

## SECTION XIV – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Flammable liquid, Corrosive, N.O.S. (Ethanol, Quaternary Ammonium Chloride)

HAZARD CLASS: 8

UN/NA NUMBER: UN 2924

PACKAGING GROUP : III

## SECTION XV – REGULATORY INFORMATION

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-dioxane (CAS 123-91-1) Listed: January 1, 1988

Acetaldehyde (CAS 75-07-0) Listed: April 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Methanol (CAS 67-56-1) Listed: March 16, 2012

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

## SECTION XVI – OTHER INFORMATION

NFPA HEALTH: 3

NFPA FLAMMABILITY: 2

NFPA REACTIVITY: 0

NFPA OTHER: N/A

ADDITIONAL: The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe- read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.