



Disinfectant
Safety Data Sheet



180 Danforth Avenue, Toronto, ON M4K 1N0
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1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Quat Disinfectant

PRODUCT TYPE:.....Liquid Disinfectant

REVISION DATE27/03/2020

COMPANY: **We Are Planet Hope Inc**
180 Danforth Ave
Toronto, ON M4K 1No

EMERGENCY PHONE:..... 1-888-CAN-UTEC (226-8832),
(613) 996-6666 or *666 on a cellular phone

2 – HAZARDS IDENTIFICATION

Following statements are applicable to spills of large quantities of product (spills over 5 gallons), or handling damaged pouches (full skid). Handling undamaged pouches of product under normal conditions according to instructions does not present any exposure to concentrate, no PPE is required.

CLASSIFICATION OF SUBSTANCE/MIXTURE.....Flammable liquids (3) Acute Toxicity Oral (3) Acute Toxicity Inhalation (2) Skin Corrosion (1A) Serious Eye Damage (1)

SYMBOLS:.....



SIGNAL WORD..... DANGER!

HAZARD STATEMENT:..... Flammable liquid and vapor. Toxic if swallowed.
Harmful if inhaled. Causes severe skin burns and eye damage.
Causes serious eye damage. **Use of product under normal conditions according to label requirements does not require any special precautions.**

PRECAUTIONARY STATEMENTS:

PREVENTION: Keep away from heat/open flames – No smoking. Use only outdoors or in well-ventilated area. 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.

RESPONSE..... Wear protective gloves/protective clothing/eye protection in case of spillage. Do not breathe mist/vapours/spray (large spillage).
Avoid release to the environment. Collect spillage.
IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): . Remove immediately all contaminated clothing. Rinse skin with water. 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

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Call a POISON CENTER or doctor. Specific treatment is urgent.
Wash contaminated clothing before reuse.

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

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

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	CONCENTRATION (%)
Octyl decyl dimethyl ammonium chloride	32426-11-2	15.24%
Diocetyl dimethyl ammonium chloride	5538-94-3	7.62%
Didecyl dimethyl ammonium chloride	717-51-5	7.62%
Alkyl (50 % C14, 40 % C12, 10 % C16) dimethyl benzyl ammonium chloride	68424-85-1	20.2%
Alcohol (C11) Ethoxylate	34398-01-1	15-30%
Hexylene Glycol	107-41-5	7-15%
Ethanol	64-17-5	1-10%

4 – FIRST-AID MEASURES

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 several 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 plenty of fresh water. Get immediate medical attention if symptoms persist.

5 – 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.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: If a spill over 5 gallons occurs– wear protective clothing to collect spillage (rubber boots, apron, gloves and goggles recommended). Eliminate all ignition sources. Small spill - wipe up with absorbent material. Clean surface thoroughly. Avoid discharge into storm water drains, water courses or onto the ground. Consult local authorities.

WASTE DISPOSAL As recommended by local authorities.

7 – HANDLING and STORAGE

STORAGE Do not handle, store or open near an open flame, sources of heat or sources of ignition. Avoid overheating or freezing. Store in well-ventilated, cool atmosphere. Protect material from direct sunlight. Do not store near water or food.

HANDLING Under normal use conditions no protective clothing/equipment is necessary. **DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN AND PETS!** Spilled material is slippery.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not usually needed in well-ventilated areas.

EYE PROTECTION: Wear safety glasses when handling this product due to accidental spillage.

PROTECTIVE CLOTHING Under normal use conditions according to label directions. Nitrile, vinyl or neoprene gloves; splash goggles, protective outerwear and boots are recommended for handling large spills.

HAND PROTECTION: Wear gloves when handling this product. In case of spillage use nitrile, vinyl or neoprene gloves.

ADDITIONAL MEASURES Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while handling product.

INGREDIENT	C.A.S. NUMBER	PEL
Ethyl alcohol	64-17-5	1900 mg/m3 PEL, TWA

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR..... Red transparent gel with lavender odor.
ODOR THRESHOLD..... N/A
pH: 7.0-8.0
MELTING POINT..... N/A.
FREEZING POINT..... N/A
BOILING POINT..... 213 F/ 100C
BOILING POINT RANGE..... N/A
FLASHPOINT..... 113 F/ 50.6 C PMCC
EVAPORATION RATE..... N/A
FLAMMABILITY (solid/gas)..... 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 TEMPERATUREN/A
DECOMPOSITION TEMPERATURE.....N/A
VISCOSITY..... Gel

10 – STABILITY and REACTIVITY

STABILITY Stable under normal conditions.
HAZARDOUS DECOMP This product not known to polymerize.
INCOMPATIBILITY Strong oxidizing agents. Anionic surfactants.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Skin absorption, eye contact, inhalation in case of spillage, or ingestion.
Following statements are applicable to spills of large quantities of product (spills over 5 gallons), or handling damaged pouches (full skid). Handling undamaged pouches of product under normal conditions according to instructions does not present any exposure to concentrate.
LISTED CARCINOGEN: None over 0.1%.
MEDICAL CONDITION AGGRAVATED:None known.
INHALATION: Not likely, due to form of the product. Inhalation of significant amounts of this product can cause damage to lungs resulting in edema. If victim shows signs of distress, remove to fresh air and get immediate medical attention.
INGESTION:..... This material can cause burns and serious damage to throat, esophagus and stomach. Toxic if swallowed.
EYES Can cause serious burns and/or damage to eyes.
SKIN (DERMAL) This product can cause burns/irritation to skin.
ACUTE TOXICITY* (ORAL):.....100 mg/kg
ACUTE TOXICITY* (DERMAL).....>2000 mg/kg
ACUTE TOXICITY* (INHALATION):.....0.5 mg/l (Vapor)

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

12 – ECOLOGICAL INFORMATION

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

13 –DISPOSAL CONSIDERATIONS

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

14 – 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

15 - REGULATIONS

Notification status: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory

Notification status: All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act

California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any reproductive harm.

16 – OTHER INFORMATION

	NORMAL USE	IN CASE OF SPILL
NFPA HEALTH	0	3
NFPA FLAMMABILITY	0	2
NFPA REACTIVITY	0	0
NFPA OTHER	None	None

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.