



SAFETY DATA SHEET

Version I

ALISAN500

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer:	Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742	Product Name:	RTU SANITIZER
		Product Code:	SAN500
		Recommended Use:	Sanitizer/disinfectant
		Revision Date:	3/26/2020
Chemical Emergency:	Infotrac: 1-800-535-5053	EPA Registration:	6836-289-70732

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

This product is not classified as hazardous according to OSHA GHS regulations. Handle in accordance with good industrial hygiene and safety practice.

Signal Word	Hazard Statements	Precautionary Statements
Not Regulated	Not Regulated	Not Regulated

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Product is a mixture according to 29 CFR 1910.1200.

Hazardous Components

Hazardous Ingredients	Cas #	Weight %
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	< 0.10
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	< 0.10

SECTION 4: FIRST-AID MEASURES

First Aid Measures

- General Advice:** Keep out of reach of children. Use with care.
- Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.
- Skin Contact:** Wash off immediately with soap and water. If irritation develops, seek medical attention.
- Ingestion:** If swallowed, call immediately for emergency medical assistance. DO NOT induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Most Important Symptoms and Effects

Symptoms: Irritation to eyes, skin, and respiratory tract.

Indication of any immediate medical attention and special treatment needed

Note to Physician: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

- Flammability:** Not considered to be a fire hazard.
- Explosive Prop:** No information available.

Extinguishing Media

- Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable:** No information available.

Specific Hazards Arising from Chemical

Hazards: Thermal decomposition may lead to release of irritating and toxic vapors. In the event of fire and/or explosion do not breathe fumes.

Protective equipment and precautions for fire-fighters

Fire-Fight Method: In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.

Environ. Precautions: Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

Clean-Up Method: Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

SECTION 7: HANDLING AND STORAGE

Handling: Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.

Storage: Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.

Incomp. Materials: Keep away from reducing agents and strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

Hazardous Chemical	TLV - TWA	TLV - STEL
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No information available	No information available
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	No information available	No information available

Appropriate Engineering Controls

Eng. Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection Equipment (PPE)

Eyes: Recommend safety glasses.

Respiratory: Not usually necessary where ventilation is sufficient.

Skin: Avoid skin contact. Recommend chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Liquid	Freezing Point:	Not determined
Appearance:	Clear Liquid	Boiling Point:	Not determined
Color:	Clear	Evaporation Rate:	Not determined
Odor:	Mild	Vapor Pressure:	Not determined
Odor Threshold:	No information available	Vapor Density:	Not determined
pH:	6 - 8	Relative Density:	Not determined
Flash Point:	> 210, closed cup	Flammability:	Not determined
Water Solubility:	Soluble in water	Explosive Limits:	Not determined
Viscosity:	Not determined	Part. Coefficient:	Not determined
Specific Gravity:	1.0 g/cm ³ at 77° F	Auto-ignition Temp:	Not determined
Melting Point:	Not determined	Decomp. Temp:	Not determined

SECTION 10: STABILITY AND REACTIVITY

- Stability:** Stable under ordinary conditions of use and storage.
- Haz. Decomposition:** Thermal decomposition can lead to release of irritating and toxic gases and vapors.
- Haz. Polymerization:** No information available.
- Incompatibilities:** Keep away from reducing agents and strong oxidizing agents.
- Conditions to Avoid:** No information available.

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No information available	No information available
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	345 mg/kg (rat)	3,340 mg/kg (rabbit)

Potential Health Effects

Exposure Routes: Eye Contact, Dermal Contact, Ingestion, Inhalation

Acute Toxicity:

- Eyes:** Causes eye irritation with tearing, redness, and impaired vision.
- Skin:** Causes skin irritation, redness, and itching. May cause chemical burns.
- Ingestion:** Harmful if swallowed.
- Inhalation:** Respiratory irritant.

Chronic Effects: Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No information available	No information available
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	0.28 mg/l (96 h: Pimephales promelas)	0.01 mg/l (48 h: Daphnia magna)

Environmental Toxicity

- Biodegradation:** No information available.
- Persistence:** No information available.
- Bioaccumulation:** No information available.
- Mobility:** No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

- Waste Disposal:** Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.
- Container:** Drain contaminated container thoroughly. Triple rinse containers.

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.

- DOT:** Not regulated

SECTION 15: REGULATORY INFORMATION**US Federal Regulations**

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

TSCA Status:

This product can only be used commercially in the EPA registered application(s) noted on the product label.

CERCLA Reportable Quantity:

This material does not contain any components with a CERCLA RQ.

Section 302

This material does not contain any chemical components with know CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313

Section 304 Extremely Hazardous Substances

This material does not contain any components with a section 304 EHS RQ.

Section 311/312 Hazard Category

No SARA Hazards

Section 313 Toxic Chemicals

This material does not contain any chemical components with know CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department

Contact Number: 1-877-866-9742

Issue Date: 3/26/2020

Revision Date: 3/26/2020

Revision Note: New product

Version: I

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End of Safety Data Sheet