

SAFETY DATA SHEET

Date issued : 06/24/2015

SDS number : ProVet Logic Professional LLC_Animal Facility Concentrated Disinfectant Cleaner and Deodorizer

Date revised : 05/07/2024

Revision number : 4

Animal Facility Concentrated Disinfectant Cleaner and Deodorizer

1. Identification

Product code: V01

Product identifier: Animal Facility Concentrated Disinfectant Cleaner and Deodorizer

Product description: Veterinary Disinfectant

Chemical family: Quaternary ammonium chloride

Relevant identified uses: Disinfectant and *Virucide

Distributor

ProVetLogic LLC

2941 Veterans Drive, Ste. A

Scottsboro, AL 35769

Customer Service: 256-259-0632

EPA reg. No.: 1839-100-86550

Emergency telephone number (24 hour)

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Acute Toxicity (Inhalation), Category 4 (Dusts/Mists)

Skin Corrosion, Category 1

Serious Eye Damage, Category 1

Label elements



Corrosion



Exclamation
mark

Signal word: DANGER

Hazard statement(s)

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

Precautionary statement(s)

Prevention:

P260: Do not breathe mist, spray, vapors.

P261: Avoid breathing mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340: IF INHALED: Remove person to fresh air and keep 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.

P310: Immediately call a POISON CENTER or doctor/physician.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P363: Wash contaminated clothing before reuse.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

Emergency overview

Physical appearance: Blue-green liquid

Immediate concerns: Corrosive to the eyes and skin. Harmful if inhaled.

Potential health effects

Eye: Corrosive, contact causes severe eye burns.

Skin: Contact causes severe skin irritation and possible burns.

Skin absorption: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Inhalation: Harmful if inhaled

Reproductive toxicity

Reproductive toxicity: None known.

Teratogenic effects: None known.

Carcinogenicity: None known.

Mutagenicity: None known.

Medical conditions aggravated: Respiratory conditions such as asthma may be aggravated .

Routes of entry: Eye, skin, ingestion, inhalation.

Cancer statement: None

Sensitization: None known.

Warning caution labels: Corrosive

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride	4.5	68391-01-5
n-Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride	4.5	85409-23-0
C12-15 Alketh-7	5 - 10	68131-39-5
Sodium Carbonate	1 - 5	497-19-8
Tetrasodium EDTA	1 - 5	64-02-8
Fragrance	< 1	TS
Dye	< 0.1	TS
Water	75 - 85	7732-18-5

Comments: If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

4. First-aid measures

Eye: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Most important symptoms and effects, both acute and delayed

Eye: Severe burning sensation, damage marked by burns.

Skin: Burning sensation, redness.

Skin absorption: No known significant effects or critical hazards.

Ingestion: Corrosive to mouth and upper gastrointestinal tract

Inhalation: Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

Acute effects: Corrosive to eyes and skin. Harmful if inhaled.

Indication of immediate medical attention and special treatment needed, if necessary: Probable mucosal damage may contraindicate the use of gastric lavage.

5. Fire-fighting measures

Flammable class: None

Suitable extinguishing media: Not required.

Explosion hazards: None

Hazardous decomposition products: Decomposition products may include: Carbon dioxide, Carbon monoxide, nitrogen oxides.

6. Accidental release measures

Small spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Large spill: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

Environmental precautions

Water spill: Avoid discharges into open waterways and notify your local emergency services if this occurs.

Land spill: Avoid discharge to soil.

Air spill: NA = Not Applicable

General procedures: Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

Release notes: Product is very toxic to aquatic life.

Special protective equipment: Eye protection, rubber gloves, rubber boots to protect feet.

7. Handling and storage

General procedures: Do not contaminate water, food, or feed by storage or disposal.

Precautions for safe handling: Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

Conditions for safe storage: Store in a dry place no lower in temperature than 50°F or higher than 120°F.

Storage temperature: (50°F) Minimum to (120°F) Maximum

Storage pressure: Store at ambient atmospheric pressure.

Shelf life: Expected shelf life is 1 year under controlled temperature storage.

8. Exposure controls/personal protection

Appropriate engineering controls: Use in well ventilated area.

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles.

Skin protection - hand protection: Rubber or other chemical resistant gloves.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Skin protection - other: Chemical-resistant outerwear (tyvek).

Occupational hygiene practices: Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state: Liquid

Color: Blue-green

Odor: Mint

Odor threshold: Not Established

pH: 11.0 to 12.5

Freezing point: 32° F; 0° C

Initial boiling point and boiling range: 212° F; 100° C

Flash point: >100C (212F)

Evaporation rate (n-butyl acetate = 1): No data available

Lower explosion limit / flammability limit: N/A

Vapor pressure: No data available

Relative vapor density: No data available

Density: 8.75 at 20°C (68°F)

Relative density: 1.049 grams/ml. at 20°C (68°F)

Solubility: Complete

Auto-ignition temperature: NA = Not Applicable

Decomposition temperature: Not Available

Viscosity: Slightly viscous.

Percent volatiles: >75

VOC content: ≤ 1.70 % by weight

10. Stability and reactivity

Reactivity: Stable

Dangerous polymerization: Will not occur.

Conditions to avoid: Not Established

Hazardous decomposition products: None Expected.

Incompatible materials: Strong acids, oxidizers.

11. Toxicological information

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride	344 mg/kg (rat)	> 2000 mg/kg (rabbit)	0.054 to 0.051 mg/l (Rat), Aerosol
n-Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride	344 mg/kg (rat)	> 2000 mg/kg (rabbit)	0.054 to 0.051 mg/l (Rat), Aerosol
C12-15 Alketh-7	1650 to 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	No data available
Tetrasodium EDTA	3030 mg/kg (rat)	> 5000 mg/kg (rabbit)	No data available

Acute dermal toxicity LD₅₀: > 2000 mg/kg

Notes: Method: ATEmix

Acute oral toxicity LD₅₀: > 2000 mg/kg

Notes: Method: ATEmix

Acute inhalation toxicity LC₅₀: ~ 2.5 mg/l (Dusts and Mists)

Notes: Method: ATEmix

Skin corrosion / irritation: Corrosive

Serious eye damage / irritation: Causes serious eye damage

Respiratory or skin sensitization: No known significant effects or critical hazards.

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

IARC: No products were found.

Reproductive toxicity: No known significant effects or critical hazards.

Specific Target Organ Toxicity - single exposure: No known significant effects or critical hazards.

Specific Target Organ Toxicity - repeated exposure:

Components:

Tetrasodium EDTA:

Exposure routes: Inhalation

Assessment: May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure.

Aspiration hazard: No known significant effects or critical hazards.

12. Ecological information

Ecotoxicological information: This product is toxic to aquatic life with long lasting effects.

Aquatic toxicity, both acute and chronic: Very toxic to aquatic life.

Persistence and degradability: Not Established

Bioaccumulative potential: Not Established

Environmental data: Not Established

Mobility in soil: Not Established

13. Disposal considerations

Disposal methods: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

For large spills: Consult with local and state authorities for large volume disposal.

Empty container: Nonrefillable container. Do not reuse this container. Triple rinse or equivalent. Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instruction for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Disinfectant, liquid, corrosive n.o.s.

Technical name: Quaternary Ammonium Compounds

UN number: 1903

Transport hazard class(es): 8

Packing group, if applicable: III

Placards: Corrosive

DOT other shipping information: Certain shipping modes and packaging sizes may have exceptions from the transport regulations. The classifications/information provided above may not reflect applicable exceptions. Contact the manufacturer for

more specific information on the proper shipping of this material.

U.S. Customs harmonization number: 3808.94.0000

ICAO - air

UN proper shipping name: Contact manufacturer for more information.

IMDG - sea

UN proper shipping name: Contact manufacturer for more information.

15. Regulatory information

UNITED STATES

Dot label symbol and hazard classification



Corrosive



Limited
Quantity
Ground

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Health - Acute

313 reportable ingredients: No listed substance

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: No listed substance

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: No listed substance

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

States with special requirements

Chemical name	Requirements
Sodium Carbonate	Pennsylvania Right to Know Substance New Jersey Right To Know Substance

California Proposition 65: No listed substance

Carcinogen: No listed substance

FIFRA (federal insecticide, fungicide, and rodenticide act): Regulated as a pesticide. Refer to Section 1 for EPA registration numbers.

16. Other information

Reason for issue: Formulation Change

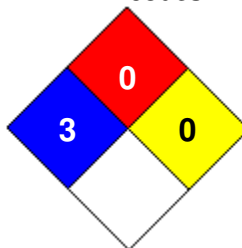
Prepared by: Regulatory Affairs Department Date revised: 05/07/2024

Revision summary: This SDS replaces the 04/11/2024 SDS. Revised: **Section 1:** EPA reg. No., Product description, SDS number, Reason for issue. **Section 2:** Classification of the substance or mixture, Emergency overview - Immediate concerns Medical conditions aggravated, Potential health effects - Inhalation Label elements, Precautionary statement(s). **Section 3:** % w/w. **Section 4:** Acute toxicity, Eye, Inhalation, Skin protection - hand protection. **Section 6:** Release notes. **Section 7:** General procedures, Shelf life, Conditions for safe storage, Storage temperature. **Section 8:** Individual protection measures, such as personal protective equipment - Respiratory protection. **Section 9:** Odor, Percent volatiles, pH, VOC content. **Section 10:** Incompatible materials. **Section 11:** Acute (LC₅₀ (inhalation) mg/l, LC₅₀ (inhalation) mg/l, LC₅₀ (inhalation) mg/l, LC₅₀ (inhalation) mg/l), Aspiration hazard. **Section 12:** Ecotoxicological information, Aquatic toxicity, both acute and chronic. **Section 13:** Empty container.

HMIS rating

Health	3
Flammability	0
Physical hazard	0
Personal protection	C

NFPA codes



Manufacturer disclaimer: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.