

Section 1. Identification of the substance/mixture and of the company/undertaking**1.1 Product name:** AquaCide® Cleaner Disinfectant**Synonyms:** None.**Composition:** A powder of 17g, mixed in use with 500ml of water to make 3500ppm Peracetic Acid Solution.**Product code:** CS-AQ-3**1.2 Relevant identified uses:** High level disinfectant for use in Ethos® Cleaner Disinfectant**1.3 Supplier:** CS Medical, LLC

Service telephone: +1-(919) 255-9472

2179 East Lyon Station Road
Creedmoor, North Carolina 27522
United States of America

CS Medical email contact: info@csmedicalllc.com

1.4 Emergency Telephone: CHEMTREC Emergency telephone number: in USA (800) 424-9300, outside USA +1-(703) 527-3887**Section 2. Hazards identification****2.1 Classification:**GHS Classification

Skin Irritation 2

Eye Irritation 1

Signal Word: Warning

NFPA Rating

Health 1

Flammability 0

Reactivity 0

**2.2 GHS Label Elements:**

Code	Hazard Statement
H315:	Causes skin irritation
H318:	Causes serious eye damage
Code	Prevention Statement
P280:	Wear protective gloves/ protective clothing/ eye protection/face protection
P302+P352:	IF ON SKIN, wash with plenty of soap and water.
P305+P351+P338:	IF IN EYES rinse continuously with water for several minutes. Remove contact lenses if present. Continue rinsing.
P332+P313:	IF SKIN irritation occurs: get medical attention/advice
P362:	Take off contaminated clothing and wash before reuse
P310:	Immediately call a POISON CENTER or doctor/physician
P501:	Dispose of contents/container in accordance with local/regional/national/international regulations
Code	Precautionary Statement
P261:	Avoid breathing dust
P264:	Wash skin thoroughly after handling

Section 3. Composition/Information on ingredients

Component	CAS Number
25% <= sodium carbonate Peroxyhydrate < 50%	15630-89-4
5% <= Ethylenediamine tetraacetic acid tetrasodium salt < 10%	64-02-8
Sodium Carbonate < 5%	497-19-8

Other inactive ingredients

Section 4. First aid measures

4.1 Description of first aid measures:

- 4.1.1 General information:** Take contaminated clothes and shoes off immediately. Wash them before wearing them again. In case of faintness, get medical advice/attention. Show this SDS to the doctor.
- 4.1.2 Following inhalation:** Bring to fresh air. Put into practice respiratory help procedure if needed and get medical advice immediately.
- 4.1.3 Following skin contact:** Wash immediately and abundantly with soap and water. If skin irritation occurs: get medical advice/attention.
- 4.1.4 Following eye contact:** Rinse at once with water a soft stream of water for at least 15 minutes, eyes wide open. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- 4.1.5 Following ingestion:** Rinse mouth. Do NOT induce vomiting. Send to hospital.
- 4.1.6 Self-protection of the first aider:** First aider: pay attention to self-protection.

4.2 Most important symptoms: Irritation to skin or throat or respiratory tract

4.3 Indications of immediate medical attention: Provide first aid, decontaminate area. Seek medical attention if eye contact or ingestion occurs. See a physician if skin contact results in irritation.

Section 5. Firefighting measures

5.1 Extinguishing media: Any means suitable for surrounding fire. Agents compatible with other products involved into fire.

5.2 Unsuitable extinguishing media: None.

5.3 Special hazards: Granular precursor to peracetic acid when mixed with water

5.4 Advice for fire fighters: Wear independent respiratory equipment and suit. Collect contaminated firefighting water separately, must not be discharged into drains. Keep containers cool by spraying with water if exposed to fire.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

- 6.1.1 For non-emergency personnel:** Use personal protective equipment, see Section 8.
- 6.1.2 For emergency responders:** Remove persons to safety. Isolate hazard area and deny entry. Ventilate closed spaces before entering. Use personal protective equipment, see Section 8.

6.2 Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not discharge powder into the sewer or environment.

6.3 Methods and materials for containment and cleanup:

- 6.3.1 Small spillage:** Recover and place in disposal container.
- 6.3.2 Large spillage:** Mark out and pump into emergency tank. Never re-use material. Place in labeled and closed containers for disposal.

6.4 Reference to other sections: Personal protection equipment: See Section 8.

Section 7 Handling and storage

7.1 Precautions for safe handling: Avoid formation/breathing of dust, contact with skin eyes, clothing. No smoking, eating, drinking in work area.

7.2 Conditions for safe storage, including incompatibilities: Keep in closed original container in a clean/dry place. Pack in high density polyethylene.

7.3 Specific end uses: None.

Section 8. Exposure control/personal protection

Control Parameters: Contains no chemical substances with occupational exposure limit values.

Skin protection: Chemical resistant gloves are recommended. Use nitrile, not latex, gloves.

Eye/Face Protection: Laboratory safety goggles, safety glasses or face shield are required. Wear boots and protective cloth with chemical resistance.

Respiratory protection: When dust forms from a spill of powder, wear half-mask (EN 140) or full mask (EN 136) with filter (EN 143).

Environmental exposure controls: In the case of a spill decontaminate per Section 6 of this SDS. Prevent further leakage or spillage if safe to do so.

Section 9. Physical and chemical properties

Physical state:	Solid (powder)	Freezing point/range:	N/A
Color/appearance:	White w/colored particles	pH:	8.5-9.0
Boiling temperature:	N/A	Relative Density:	0.9-1.0 g/cm ³
Odor:	None	Solubility in water:	Easily on cold water

Section 10. Stability and reactivity

Chemical stability: Stable under recommended storage and handling conditions.

Hazardous reactions: Avoid contact with acids, metals, reducing agents, organic matters.

Hazardous decomposition products: Release of oxygen.

Section 11. Toxicological information

Acute toxicity

EDTA LD50/oral/rat (mg/kg):	770-2000 mg/kg
Sodium carbonateperoxyhydrate+sodium carbonate/oral/rat:	1034 mg/kg
Sodium carbonateperoxyhydrate+sodium carbonate/dermal/rabbit:	>2000 mg/kg
EDTA LC50/inhalation/rat:	1-5 mg/L
EDTA EC50/72h algae:	>100 mg/L

Serious damage to eyes - irritation

EDTA:	Eye irritation/serious risk
Sodium carbonateperoxyhydrate+sodium carbonate:	Eye irritation/serious risk
Sensitization:	None
Repeated dose toxicity:	NOEL/oral 1000 mg/kg
Skin corrosion/irritation:	Irritating
Eye irritation:	Serious damage
Respiratory/skin sensitization:	None
Inhalation:	Irritant to nose, throat, respiratory system
Ingestion:	Irritant to mouth and digestive tract

Section 12. Ecological information

12.1 Acute Toxicity:	Not determined
12.2 Chronic Toxicity:	No data available
12.3 Degradability:	Surface agents in mix are within requirements of the Detergent Regulation 648/2004/EC
12.4 Bio-accumulation:	No data available
12.5 Mobility:	No data available
12.6 PBT and vPvB:	Mixture not assess to be a PBT or vPvB

The mixture is not considered to be dangerous for the environment according to 1272/2008/EC Regulation

Section 13. Disposal considerations

13.1 Treatment of mixture (powder) and packaging: Do not discharge product directly to sewer or environment. Comply with Directive 2008/98/EC of 19/11/2008 amended that establishes hazardous waste that must be taken to an approved center.

Section 14. Transportation information: Not concerned.

Section 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 Hazards from Major Accidents: SEVESO 3 Directive (2012/18/EC): not concerned

15.1.2 Packing and Labeling of Substances and Mixes: Regulation 1272/2008/EC amended

15.1.3 Waste: 2008/98/EC Directive amended by 2015/1127/EC Directive-Regulation 1357/2014/EC

15.1.4 Workers: Directive 98/24/EC or 07/04/1998

Section 16. Other information

This Safety Data Sheet was formatted for compliance with (EC) 1907/2006. Classifications and procedures used to derive the hazards categories for mixtures is according to Regulation (EC) 1272/2008 (CLP).

This SDS information is believed to be correct but is not warranted as such, nor does it purport to be all-inclusive.

Prepared by Kendall Ashe Last revised on 2023/04/18.

End of Safety Data Sheet