



X99 SAFETY DATA SHEET

Applicable Authority: 29 C.F.R. § 1910.1200 (HazCom 2012)

Version: 9120US
SDS Revision Date: 02/08/2021

Applicable Law: USA
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SECTION 1. IDENTIFICATION

Product name **X99**



Name, address, and telephone number of the supplier
Sea Foam Sales Company
510 North Chestnut Street
Chaska, MN, USA 55318
T (952) 938-4811

Aqueous Oxidant

H	0	0
F	0	0
R	0	0
PE	--	

Emergency telephone number (800) 222-1222

SECTION 2. HAZARDS IDENTIFICATION

GHS classification

This material is not considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Hazard statements

Eye contact may cause mild eye irritation with discomfort.

Remarks

For full text of Hazard- and EU Hazard-statements: see Section 15.

Precautionary statements

Prevention: P234 Keep only in original container, or properly labeled second container.

Emergency overview

Colorless liquid with mild fresh odor. Avoid contact with eyes. Keep out of reach of children.

Response: P390 Absorb spillage to prevent waste.

HMIS rating	PPE: 0	Health: 0	Flammability: 0	Reactivity: 0
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Potential health effects

Eye contact: Eye contact may cause mild eye irritation with discomfort.

Skin contact: Does NOT cause skin irritation and the product is NOT a skin sensitizer.

Inhalation: Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors and allow adequate time for the vapors to disperse before re-entering the restricted area.

Carcinogenicity information: IARC, NTP, OSHA, and ACGIH list none of the components present in this material at concentrations equal to or greater than 0.1% as carcinogens.

Ingestion: Non-toxic.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>Wt %</u>
Oxychlorine Compounds	Mixture	0.200
n-Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.125
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	0.125
Inert Ingredients	Mixture	99.55

At these concentrations none of the ingredients are known to pose any hazards to human health.

SECTION 4. FIRST-AID MEASURES

Description of first-aid measures

- First-aid measures after ingestion* : Non-toxic. Give a glass of water.
- First-aid measures after inhalation* : Does NOT cause any respiratory irritation. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.
- First-aid measures after skin contact* : Does NOT cause skin irritation.
- First-aid measures after eye contact* : In case of contact, flush eyes with plenty of water.



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SECTION 5. FIRE-FIGHTING MEASURES

Flammable properties

Flash point : Not available (non-flammable).

Flammable limits

Lower flammable limit : Not established.

Burn rate : Unknown.

Upper flammable limit : Not established.

Flammability classification : Non-flammable liquid.

Auto ignition temperature : Not established.

Hazardous combustion products : Thermal or other decomposition may yield chlorine dioxide or chlorine.

Extinguishing media : Not available (non-flammable liquid).

Additional considerations : None.

Fire-fighting instructions : Non-flammable liquid.

NFPA Rating	Health: 0	Flammability: 0	Reactivity: 0	PPE: None
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SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill clean up : No special cleanup measures are required for the consumer product. To avoid the possibility of "bleaching" the spill should be absorbed with paper towels, and the area rinsed with clean water.

Accidental release measures : Spills are slippery and should be cleaned up promptly.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling : Keep away from heat and strong acids. Do not ingest. Keep container closed. Use only with adequate ventilation.

Conditions for safe storage : Keep container tightly closed and sealed until ready for use. Keep container in a well-ventilated place. Do not store above 120 °F or near fire or open flame. Store large quantities in buildings to comply with OSHA 1910.106. Do not transfer contents to bottles or other unlabeled containers. Do not reuse empty containers. Keep out of reach of children.

Incompatible materials : Strong acids.

Special packaging materials : None.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls : Use in adequately ventilated areas.

Personal protective equipment

Eye/face protection : Not required for consumer product.

Skin protection : Not required for consumer product.

Respiratory protection : None required for normal use. If consumer product accidentally contacts strong acids in restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

Exposure limits

Oxychlorine compounds

n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride:

PEL (OSHA): Not available.
TLV (ACGIH): Not available.

n-Alkyl Dimethyl Benzyl Ammonium Chloride:

PEL (OSHA): Not available.
TLV (ACGIH): Not available.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Colorless liquid.

Odor:
Mild-Fresh

Physical state:
Liquid.

pH:
8 - 9

Boiling point:
212 °F

Freezing point:
32 °F

Solubility in water:
100%

Vapor pressure (mm Hg):
No information available.

Volatile Organic Compounds (VOC's):
None.

Evaporation rate:
Less than Ether.

Specific gravity:
1.003 @ 68 °F (20 °C)

Density (lb/gal):
8.40 @ 68 °F (20 °C)

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: The product is stable.
Conditions to avoid	: Contact with strong acids.
Incompatible materials	: Strong acids.
Hazardous decomposition products	: Thermal or other decomposition may yield chlorine dioxide or chlorine.
Hazardous polymerization	: Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

TOXICITY TESTING – ACUTE

Inhalation : Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of X99 at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations.

Eye contact : Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild conjunctival irritation was observed but cleared within 24 hours.

Skin Contact : Study of dermal toxicity in New Zealand white rabbits showed the product to be non-toxic: Dermal LD₅₀ > 5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, X99 was determined not to be a sensitizer.

Swallowing : Acute oral toxicity in albino rats: Non-toxic LD₅₀ > 5,000 mg/kg of body weight.

EPA TOXICITY RATING – IV : This is the lowest category on the scale and is designed for substances that are the least hazardous.

SECTION 12. ECOLOGICAL INFORMATION

Environmental hazards : No data available.

Environmental fate : No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal : Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.



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SECTION 14. TRANSPORTATION INFORMATION

Shipping information : Not regulated by DOT, IMO/IMDG and IATA/ICAO for ground, air or ocean shipments.

SECTION 15. REGULATORY INFORMATION

US Federal regulations

TSCA: All components appear in TSCA Inventory.

OSHA: Refer to Section 8 for exposure limits.

CERCLA SARA hazard category

Section 311 and 312: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None.

Section 313: This product contains following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: None.

State regulations: State Right to Know information is not provided.

California prop. 65 (no significant risk level): None.

International regulations

Canadian WHMIS: Not controlled

Canadian Environmental Protection Act (CEPA): Additional information available upon request.

EU regulations: Additional information available upon request.

SECTION 16. OTHER INFORMATION

HMIS Rating	Health: 0	Flammability: 0	Reactivity: 0	PPE: None
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Disclaimer: Sea Foam Sales Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.