

**Section 1 - Identification**

Product Name: **Ster-O-Kem<sup>®</sup> C.D.S.** A quat. ammon. liquid disinfectant. Revised: 4/28/15

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**Section 2 - Hazards Identification**

If allergic to aspirin, do not use this product. Methyl salicylate may be absorbed through the skin.

This is an EPA registered product. The OSHA GHS labeling requirements do not apply at this time.

See

- Section 4 - First Aid Measures**
- Section 5 - Fire-Fighting Measures**
- Section 6 - Accidental Release Measures**
- Section 7 - Handling and Storage**
- Section 13 - Disposal Considerations**



for industry standard information.

**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Sodium carbonate	497-19-8	5%
n-Alkyl(68%C12, 32%C14) dimethyl benzyl ammonium chloride	68956-79-6	2.25%
n-Alkyl(60%C14,30%C16,5%C12,5%C18) dimethyl benzyl ammonium chloride	68391-01-5	2.25%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

**Section 4 - First Aid Measures**

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.

**Skin Contact:** Wash exposed area with soap and water. If irritation develops and persists, get medical attention.

**Inhalation:** Move affected person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water or milk to drink. Get medical attention.

**Section 5 - Fire-Fighting Measures**

**Extinguishing Media:** Any

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** None.

**Section 6 - Accidental Release Measures**

**Steps To Be Taken If Material Is Released Or Spilled:** Wipe or mop up small spills. Larger spills can be collected into clean pails or drums for later use or washed to a sanitary sewer with plenty of water.

**Section 7 - Handling and Storage**

Store at temperatures between 40° and 100° F.

**Section 8 - Exposure Controls / Personal Protection**

None of the ingredients have known exposure limits or they are below OSHA reportable levels.

**Ventilation:** Normal room ventilation.

**Respiratory Protection:** None when used as directed.

**Gloves:** Use neoprene or latex rubber gloves when handling concentrate. With use-dilutions, persons with sensitive skin or who use the product for prolonged periods may wish to wear gloves. Disposable latex gloves may be used with the concentrate and use-dilutions. Always check disposable latex gloves for tears when putting them on. If disposable gloves tear during use, remove them, rinse hands thoroughly in running water, dry them and put on new gloves.

**Eye Protection:** If eye contact with concentrate is possible, wearing safety glasses with side shields, especially for contact lens wearers, is a good idea.

**Other Protective Equipment:** None.

### Section 9 - Physical and Chemical Properties

<b>Appearance and Odor:</b> A pink liquid with a wintergreen odor.	
<b>Odor Threshold:</b> Not Available	<b>Vapor Pressure:</b> Not Available
<b>pH:</b> concentrate 11.5 ± 0.5	<b>Vapor Density:</b> Not Available
<b>Melting Point:</b> Not Available	<b>Relative Density (Specific Gravity):</b> 1.04
<b>Freezing Point:</b> Not Available	<b>Solubility(ies): Water:</b> 100%
<b>Boiling Point, Initial:</b> 212° F.	<b>Partition coefficient:</b> Not Available
<b>Boiling Range:</b> Not Available	<b>Auto-ignition Temperature:</b> Not Available
<b>Flash Point:</b> None. (ASTM D-56 closed cup)	<b>Decomposition Temperature:</b> Not Available
<b>Evaporation Rate:</b> ~1 (Water = 1)	<b>Viscosity:</b> Same as water.-
<b>Flammability: (solid, gas):</b> Not Applicable	<b>Volatiles Percent:</b> 95%
<b>Upper Explosive Limit:</b> None	<b>V.O.C.:</b> 0% - 0 grams/liter
<b>Lower Explosive Limit:</b> None	

### Section 10 - Stability and Reactivity

**Incompatibility:** None

**Hazardous Decomposition Products:** None

### Section 11 - Toxicological Information

**Target Organs:** None.

**Primary Routes of Entry:**  Skin contact;  Skin absorption;  Inhalation;  Ingestion

#### **Potential Health Effects:**

**Eyes** – concentrate causes severe irritation to the eyes. Use-dilutions may cause irritation, redness, tearing.

**Skin** - may cause irritation on persons with sensitive skin.

**Swallowing** - concentrate causes irritation or may cause damage to mucous membranes. Use-dilutions cause nausea and diarrhea because intestinal bacteria are killed. Minimal toxicity.

**Breathing** – none when used as directed.

### Section 12 - Ecological Information

Do not dispose of pesticide products or rinse water the environment.

### Section 13 - Disposal Considerations

**Waste Disposal Method:** Wash to a sanitary sewer with a large amount of water. This product will reduce the bacteria count in septic systems depending on the amount put down the drain. It is a good idea to add bacteria to your system on a regular basis or after a product spill is washed down the drain. A product like Bacogen or Zymogen® works well.

### Section 14 - Transport Information

**D.O.T. Hazard Class:**

Larger sizes: Disinfectants, Liquid, Corrosive N.O.S., 8, UN1903,  
P.G. III (Contains Quaternary Ammonium Chloride)

Gallons & smaller: ORM-D

### Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

### Section 16 - Other Information

**NFPA:** H:1 F:0 I:0      **HMIS® III:** H:2 F:0 P:0      These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 8/11/11. GHS conversion.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.