

Material Safety Data Sheet

Number: **DMN-185**

Product Name: **Ster-O-Kem® #15 sanitizer**

A liquid quaternary ammonium compound.

Revised: 1/8/04

Damon Industries, Inc.
Box 2120
Alliance, OH 44601

24 hour Emergency Only phone: 1-800-535-5053
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Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	1.024%	No
Octyl Decyl Dimethyl Ammonium Chloride	68424-95-3	0.768%	No
Diocetyl Dimethyl Ammonium Chloride	5538-94-3	0.384%	No
Didecyl Dimethyl Ammonium Chloride	7173-51-5	0.384%	No

Section 3 - Hazards Identification

Emergency Overview: Concentrate is mildly irritating to the eyes. Product is water based and presents no hazard in a fire. A dark blue liquid with slight odor.

Health Hazards: Irritant

Physical Hazards: None

Primary Routes of Entry: ___Through Skin ___Inhalation XIngestion

Potential Health Effects:

Eyes - may cause irritation, redness, tearing.

Skin - may cause irritation on persons with sensitive skin.

Swallowing - may cause nausea and diarrhea.

Breathing - none when used according to label directions.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. If irritation persists, get medical attention.

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

Inhalation: None.

Ingestion: If the product is swallowed, do NOT induce vomiting. Dilute by giving a glass of water or milk to drink. Treat for shock by keeping person warm and quiet. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: none. (ASTM D-56 closed cup)

Lower Explosive Limit: Not Applicable

Upper Explosive Limit: Not Applicable

Extinguishing Media: Water Fog

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: Clean up with a rag or mop.

Section 7 - Handling and Storage

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

Store in a cool place. Keep from freezing.

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA</u>	<u>STEL</u>	<u>Ceiling</u>
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	1.024%	No limits have been established.		
Octyl Decyl Dimethyl Ammonium Chloride	68424-95-3	0.768%	No limits have been established.		
Diocetyl Dimethyl Ammonium Chloride	5538-94-3	0.384%	No limits have been established.		
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(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: None.

Respiratory Protection: None.

Gloves: Persons with sensitive skin or who use the product for prolonged periods may wish to use rubber or latex gloves.

Eye Protection: If eye contact with concentrate is possible, wear safety glasses with side shields.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 212° F.

Specific Gravity: 1.0

Percent Volatiles: 97%

Solubility In Water: Complete

Appearance and Odor: Dark blue liquid with slight odor.

Vapor Pressure: Not Available

Vapor Density: Not Available

Evaporation Rate: Same as water.

pH: concentrate 7.0 ± 0.5

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Target Organs: None.

LD₅₀(rat) of concentrate is 11,438 mg/kg

Section 12 - Ecological Information

If this product cannot be disposed of by use according to label instructions, do not dispose of in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Rinse to sanitary sewer with a large amount of water. Do not allow into natural water systems such as lakes, streams or rivers.

Section 14 - Transport Information

D.O.T. Hazard Class: Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

Section 15 - Regulatory Information

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

Section 16 - Other Information

NFPA / HMIS Estimates:	Health: 1	Flammability: 0	Reactivity: 0
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0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

Replaces sheets dated 8/10/98 and 6/3/99. Change of CAS numbers. Added missing ® with product name. No changes in use, safety equipment or disposal.

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.