

CHEMSTAR FOAM SAN

Version Number: 1.0 (LS10)

Preparation Date: 11/27/2012

Release Date: 12/01/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Chemstar Foam San

Recommended use: Disinfectant

Manufacturer, supplier:

Chemstar Corporation
120 Interstate West Parkway, Suite 100
Lithia Springs, Georgia 30122
Phone: 800-327-0777

Emergency Contact Telephone number: 800-535-5053 – InfoTrac

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	3
Flammability	0
Physical Hazard	0



2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER.

Acute Effects of Overexposure:

Skin: May produce burns to skin. Brief exposure may cause irritation and defatting of the skin.

Eyes: Causes eye burns. Direct contact with the eyes may cause irreversible damage including blindness.

Inhale: Inhalation of spray or mists may cause severe irritation of throat and respiratory tract characterized by headaches, dizziness and drowsiness. High concentration may cause central nervous system effects.

Ingest: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Harmful if swallowed.
Existing skin diseases may be aggravated by overexposure.

Chronic Effects of Overexposure: Repeated or prolonged exposure may produce defatting of the skin and chronic eye irritation, and respiratory tract irritation. Ingestion of ethanol by pregnant women can cause reproductive toxicity to fetus.

Principal routes of exposure: Eye contact, Skin contact, Inhalation, Ingestion.

Skin contact: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Eye contact: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation: If symptoms occur, move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.

Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	3.0 – 5.0
Octyl Decyl Dimethyl Ammonium Chloride	32426-11-2	2.0 – 4.0
Dioctyl Dimethyl Ammonium Chloride	5538-94-3	1.0 – 2.0
Didecyl Dimethyl Ammonium Chloride	7173-51-5	1.0 – 2.0
Ethanol	64-17-5	< 2.0

4. FIRST AID MEASURES

Skin: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention.

Eyes: Check for and remove contact lens. Immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation: If symptoms occur move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.

Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE-FIGHTING MEASURES

Fire Fighting Procedure: Use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: Heat and Carbon Dioxide

Flash Point (F°, TCC): None

Flammable Limits: LEL: N/A

6. ACCIDENTAL RELEASE MEASURES

Spill Clean Up: Wear appropriate protective equipment (see Section 8). Absorb with an inert material and put spilled material in appropriate waste disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Keep container closed. Wash thoroughly after handling.
Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eyes: Wear chemical splash goggles when handling concentrate.
Hand: Wear impervious chemical resistant gloves when handling this product.
Skin: Wear suitable workplace attire or wear a synthetic apron as necessary to prevent skin contact.
Respiratory: Avoid breathing vapors, mists or sprays.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Ethanol	64-17-5		1000 ppm (TWA)	

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Boiling Point (F°):	212
Specific Gravity:	0.99 – 1.02	pH:	5 - 8
VOC Content (%):	< 2	Evaporation Rate (Bu acetate = 1):	> 1
Vapor pressure (mm Hg):	N/A	Vapor Density:	N/A
Solubility in Water:	Completely Soluble	Appearance and Odor:	Clear red liquid with mild odor

10. STABILITY AND REACTIVITY

Stability: Stable
Incompatibility: Strong oxidizing agents
Polymerization: Will not occur.
Hazardous Decomposition: Carbon monoxide, carbon dioxide and toxic hydrogen chloride vapors.

11. TOXICOLOGICAL INFORMATION

Toxicity to animals: **Ethanol**
Oral (LD50) acute: >2000 mg/kg in male and female rats
Dermal (LD50) acute: 200 through 2000 mg/kg in male and female rabbits

12. ECOLOGICAL INFORMATION

Ecological Information: This product is very toxic to aquatic organisms.
Biodegradable/OECD: This product is biodegradable

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.
Classification: Non-hazardous waste

14. TRANSPORT INFORMATION

DOT Bill of Lading Description: UN1903, DISINFECTANT, LIQUID, CORROSIVE, N.O.S. (QUATERNARY AMMONIUM COMPOUND) 8, PG II
DOT Classification: UN1903

Note: DOT classification does not necessarily apply to all sizes. For specific container size exceptions, refer to the Bill of Lading with your shipment.

15. REGULATORY INFORMATION

SARA 313 toxic chemical notification and release reporting: No product found
Clean Water Act (CWA) regulated substance: No product found
Clean Air Act (CAA) 112 regulated toxic substances: No product found
State Regulations: The following ingredients appear on various State's Right to Know lists and/or California's Proposition 65 list:

Ingredient(s)	CAS #	State List
Ethanol	64-17-5	AZ, CA, CT, ID, MA, MN, NJ, PA, RI
Benzyl Chloride (trace impurity <10 ppm)	68424-85-1	AZ, CA, CAP65C, IL, MA, MN, NJ, PA

SARA 311/312 Hazard Categories

Immediate: -
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS Hazard Class:

16. OTHER INFORMATION

Reason for revision: Convert to 16 part format
Prepared by: Chemstar Corporation
Additional advice:

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