Safety Data Sheet (SDS)
FoamSan 1175

SDS Revision Date: 08/13/20

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity	FoamSan 1175
Alternate Names	FoamSan 1175

1.2 Relevant identified uses of the substance or mixture and uses advised against

Intended use	Contact ChemStation representative.
Application Method	Contact ChemStation representative.

1.3 Details of the supplies of the safety data sheet

Company Name	ChemStation N.W. Ohio 950 Industry Ave Lima, OH 45804
EPA Number:	10324-159
Establishment Number:	94215-OH-1

Emergency	
CHEMTREC (USA)	(800) 424-9300
Customer Service: ChemStation N.W. Ohio	(419) 229-6459

2. Hazard identification of the product

2.1 Classification of the substance or mixture

Skin Corr. 1B;H314	Causes severe skin burns and eye damage.
Eye Dam. 1;H318	Causes serious eye damage.
Acute Tox. 5;H303	May be harmful if swallowed. (Not adopted by US OSHA)
Aquatic Chronic 2;H411	Toxic to aquatic life with long lasting effects.

2.2 Label elements

Using the Toxicity Data listed in section 11 and 12, the product is labeled as follows.

Danger

H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H303 May be harmful if swallowed. (Not adopted by US OSHA)
H411 Toxic to aquatic life with long lasting effects.

(Prevention):
P264 Wash thoroughly after handling.
P280 Wear protective gloves / eye protection / face protection.
(Response):
P305+352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P321 Specific treatment (see information on this label).
P362 Take off contaminated clothing and wash before reuse.
(Storage):
No GHS storage statements
(Disposal):
No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Alkyldimethylbenzyl ammonium chloride CAS#: 68424-85-1	3.0 – 5.0 %	Flam. Liq. 3;H226 Acute Tox. 4;H302 Skin Corr.1B;H314 Eye Dam.1;H318 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	(1)
Octyldecyldimethyl ammonium chloride CAS #: 32426-11-2	2.0 – 4.0 %	Acute Tox. 4;H302 Acute Tox.4;H312 Skin corr.1B;H314 Aquatic Acute: 1;H400	(1)
Dioctyldimethyl ammonium chloride CAS #: 5538-94-3	1.0 – 2.0 %		
Didecyldimethyl ammonium chloride CAS#: 7173-51-5	1.0 – 2.0%		

Ethanol CAS#: 64-17-5	<2%		

(1) Substance classified with a health or environmental hazard.
(2) Substance with a workplace exposure limit.
(3) PBT-substance or vPv-substance.
*The full texts of the phrases are shown in Section 16.

Trace components: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

4. First aid measures

4.1 Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. In unconscious place in the recovery position and obtain immediate medical attention. Giving nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin If product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical atten may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.

Ingestion If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORAMTION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available.
See section 2 for further details.

Eyes Causes serious eye damage.

Skin Causes skin irritation.

5. Fire-fighting measures

5.1 Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO2, powder, water spray.
Do not use; water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3 Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow runoff water and contaminants from fire fighting to enter drains or water ways.

ERG Guide No. 153

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2 Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet.

Promptly remove soiled clothing and wash thoroughly before reuse.

6.3 Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. If the case of contamination of rivers, streams or lakes, contact the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1 Precautions for safe handling

See section 2 for further details. – (Prevention):

7.2 Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

See section 2 for further details. – (Storage):

7.3 Specific end use(s)

No data available.

8. Exposure controls and personal protection

8.1 Control parameters

Exposure			
CAS No.	**Ingredient**	**Source**	**Value**

68424-85-1	Alkyldimethylbenzyl ammonium chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
32426-11-2	Octyldecyldimethyl ammonium chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
5538-94-3	Dioctyldimethyl ammonium chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
		Supplier	No Establishment Limit
7173-51-5	Didecyldimethyl ammonium chloride	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit
64-17-5	Ethanol	OSHA	No Establishment Limit
		ACGIH	No Establishment Limit
		NIOSH	No Establishment Limit

Carcinogen Data			
CAS No.	**Ingredient**	**Source**	**Value**
68424-85-1	Alkyldimethylbenzyl ammonium chloride	OSHA	Select Carcinogen: NO
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 3: No; Group 4: No
32426-11-2	Octyldecyldimethyl ammonium chloride	OSHA	Select Carcinogen: NO
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 3: No; Group 4: No
5538-94-3	Dioctyldimethyl ammonium chloride	OSHA	Select Carcinogen: NO
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 3: No; Group 4: No
7173-51-5	Didecyldimethyl ammonium chloride	OSHA	Select Carcinogen: NO
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 3: No; Group 4: No
68424-85-1	Alkyldimethylbenzyl ammonium chloride	OSHA	Select Carcinogen: NO
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 3: No; Group 4: No
64-17-5	Ethanol	OSHA	Select Carcinogen: NO
		ACGIH	Known: No; Suspected: No
		NIOSH	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 3: No; Group 4: No

8.2 Exposure controls

Respiratory	Use NIOSH/MSHA approved respirator, following manufacturer's recommendations when concentrations exceed permissible exposure limits.
Eyes	Wear safety glasses with side shields to protect the eyes. An eye wash station is suggested as a good workplace practice.
Skin	Chemical resistant clothing such as coveralls/apron boots should be worn. Chemical Impervious Gloves.
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoke or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. – (Prevention):

9. Physical and chemical properties

Appearance	Light yellow thin liquid
Odor	Mild
Odor threshold	Not Measured
pH	6.0 – 7.5
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	>212 deg F
Flash point	>200 degrees F PMCC (non-flammable)
Evaporation rate (Ether =1)	0.33
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit**: Not Measured **Upper Explosive Limit**: Not Measured
Vapor pressure (Pa)	Not Determined
Vapor density	Not Determined
Specific gravity	0.996 – 1.000
Solubility in water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Foaming	Moderate

9.2 Other information

No other relevant information.

10.Stability and reactivity

10.1 Reactivity

Hazardous Polymerization will not occur.

10.2 Chemical Stability

Stable under normal circumstances.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No data available

11.Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg//4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Alkyldimethylbenzyl ammonium chloride 68424-85-1	344.00, Ra Category: 4	645.00, Rabbit Category: 3	No data available	No data available	No data available
Octyldecyldimethyl ammonium chloride 32426-11-2	No data available	No data available	No data available	No data available	No data available
Dioctyldimethyl ammonium chloride 5538-94-3	No data available	No data available	No data available	No data available	No data available
Didecyldimethyl ammonium chloride 7173-51-5	No data available	No data available	No data available	No data available	No data available
Ethanol 64-17-5	3450, Mouse 7060, Rat Category: 4	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	1B	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12.Ecological information

12.1 Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and GHS and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

Aquatic Ecotoxicity			
Ingredient	**96 hr LC50 fish, mg/l**	**48 hr EC50 crustacea, mg/l**	**ErC50 algae, mg/l**
Alkyldimethylbenzyl ammonium chloride (68424-85-1)	0.28, Pimephales	Not Available	0.04 (72hr.), Algae
Octyldecyldimethyl ammonium chloride (32426-11-2)	Not Available	Not Available	Not Available
Dioctyldimethyl ammonium chloride (5538-94-3)	Not Available	Not Available	Not Available
Didecyldimethyl ammonium chloride (7173-51-5)	Not Available	Not Available	Not Available
Ethanol (64-17-5)	>100, Pimphales	2 mg/L	Not Available

12.2 Persistence and degradability

There is no data available on the preparation itself.

12.3 Bioaccumlative potential

Not measured

12.4 Mobility in soil

No data available.

12.5 Degradability

This product is completely biodegradable.

12.6 Results of PBT and vPvB assessment

This product contains no PBT/VPVB chemicals.

12.7 Other adverse effects

No data available

13.Disposal consideration

13.1 Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14.Transport information

14.1 UN number	UN1903
14.2 UN proper shipping name	DISINFECTANTS, LIQUID, CORROSIVE N.O.S., (Quaternary Ammonium Compounds)
14.3 Transport hazard class(es)	8
14.4 Packing group	III
14.5 Reportable Quantity	None

15.Regulatory information

Regulatory overview The regulatory data in section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS Classification D2B E

US EPA Tier II Hazards

Fire: No

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs (lbs):

(No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous:

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:

(No Product Ingredients Listed)

Proposition 65 – Carcinogens (>0.0%):

(No Product Ingredients Listed)

Proposition 65 – Developmental Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 – Female Repro Toxins (>0.0%):

(No Product Ingredients Listed)

Proposition 65 – Male Repro Toxins (>0.0%):

(No Product Ingredients Listed)

N.J. RTK Substances (>1%):

(No Product Ingredients Listed)

Penn RTK Substances (>1%):

(No Product Ingredients Listed)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this products must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 causes serious eye damage.

H350i May cause cancer if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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