

Material Safety Data Sheet



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FoamFirst™ Surgical Instrument Pre-Clean

Product Number: MDS8800FOAM

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Medline Industries, Inc. urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with tap water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

1. Identification

Product Name: FoamFirst™ Surgical Instrument Pre-Clean

Chemical Name: Blend

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
Enzyme Protease	9014-01-1
Enzyme Amylase	9000-90-2

3. Physical Data

Appearance: Clear viscous solution

Odor: Fresh

Solubility In Water by Wt.: 100% soluble

Boiling Point: Above 212°F (100°C)

Freezing Point: Below 23°F (-5°C)

Vapor Density: (Air = 1) < 1

Evaporation Rate (Bu Ac = 1): > 1

Specific Gravity (H₂O = 1): 1.04 @ 68° F (20°C)

pH: 7.5 - 8.8

4. Fire and Explosion Hazard

Flash Point: Not flammable

Flammable Limits In Air: N/A

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective equipment.

Unusual Fire and Explosion Hazards: None

Extinguishing Media: No special requirements

5. Health Hazard Data

COMPONENT	OSHA/PEL	ACGIH/TLV	Others
Enzyme Protease	Not established	0.000006 mg/m ³ (As 100% pure enzyme protease)	None
Enzyme Amylase	Not established	Not Established	None

Effect of Overexposure:

Swallowing: May cause mild nausea

Skin Contact: May cause mild irritation

Inhalation: May cause mild irritation

Eye Contact: May cause irritation

6. Reactivity Data

Stability: Stable at normal conditions

Conditions To Avoid: Avoid exposure to temperatures above 122°F (50°C).

Incompatibility (Materials To Avoid): Avoid strong acids, oxidizers, and alkalis.

Hazardous Combustion or Decomposition

Products: None known at normal conditions

Hazardous Polymerization: Will not occur

7. Spill, Leak, and Waste Disposal Procedures

Steps To Be Taken If Material Is Released or

Spilled: Absorb on clay, sawdust or other absorbent. Thoroughly rinse area with water. CAUTION: Spill area may be slippery.

Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store in a closed container, in a cool, dry, well-ventilated place away from incompatible materials.

Keep out of reach of children.

9. Special Protection Information

Respiratory Protection: Not normally required.

A mask or respirator may be used if vapor concentration is high.

Ventilation: Local exhaust or normal facility ventilation

Protective Gloves: Water resistant gloves

Eye Protection: Safety goggles/face shield

Protective Clothing: Where contact may occur, wear protective clothing.

Other Protective Equipment: An eyewash station should be nearby and ready for use.

10. Regulation Information

Status On Substance List: None known

Federal EPA: None

State Right-To-Know: None known

IARC: None known

NTP: None known

OSHA: None known

11. Transportation Data

Proper Shipping Name: None

D.O.T.: Unregulated commodity

CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances.

Chemical Warning Label - Medline Industries, Inc.

FoamFirst™ Surgical Instrument Pre-Clean

No wall reference is necessary

Product Name: FoamFirst™ Surgical Instrument Pre-Clean

Hazardous Chemicals: Enzyme protease, enzyme amylase

Personal Protection: Gloves, goggles/face shield

Hazard rating corresponding to the NFPA Rating System

4 - Extreme
3 - High
2 - Moderate
1 - Slight
0 - Insignificant

NFPA HAZARD RATING

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Below 73°F (23°C)
<input checked="" type="checkbox"/> Ingestion	<input type="checkbox"/> Carcinogen	<input type="checkbox"/> Below 100°F (38°C)
<input checked="" type="checkbox"/> Skin/eye absorption	<input type="checkbox"/> Toxic	<input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C)
	<input type="checkbox"/> Sensitizer	<input type="checkbox"/> Above 200°F (93°C)
	<input type="checkbox"/> Normal Material	<input checked="" type="checkbox"/> Will not burn
<u>TARGET ORGAN</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> May detonate
<input type="checkbox"/> Heart	<input type="checkbox"/> Acid	<input type="checkbox"/> Shock and heat may detonate
<input type="checkbox"/> Kidney	<input type="checkbox"/> Alkali	<input type="checkbox"/> Violent chemical change
<input checked="" type="checkbox"/> Eyes	<input type="checkbox"/> Corrosive	<input checked="" type="checkbox"/> Unstable if heated
<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Use no water	<input type="checkbox"/> Stable
<input type="checkbox"/> Prostate	<input type="checkbox"/> Radioactive	
<input type="checkbox"/> Blood		
<input type="checkbox"/> Liver		
<input type="checkbox"/> CNS		
<input type="checkbox"/> Other		

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