



Material Safety Data Sheet

Emergency Telephone Number
800-537-1945

Section 1: Product Identification

Trade Name: Hemaway Enzymatic Foam

Manufacturer:

Instrument Specialists Inc.

32390 IH-10 West

Boerne, TX 78006

Basic Hazard Information	
Hazard Level	Hazard Index
Health: 1+C22	4-Severe 3-Serious
Fire: 0	2-Moderate 1-Slight
Reactivity: 1	0-Minimal

Section 2: Active Ingredients

Ingredients	CAS Number	Percent	TLV
Enzyme	9001-62-1	1-20%	N/A
Enzyme	9000-90-2	1-20%	N/A
Enzyme	9014-01-1	1-20%	0.00006m9/m3
Stabilizer	57-55-6	5-25%	N/A
Surfactant	68439-57-6	1-20%	Mild Irritant

Section 3: Physical Properties

Boiling Point: 100-105C

Percent volatile (volume): N/A

Vapor Pressure: unknown

Vapor Density: <1

Evaporation Rate: <1

Appearance: Blue-green liquid

Odor: Minty soap smell

Specific gravity: 1.05

Solubility in water: 100%

pH: 6.5-7.5

Section 4: Fire and Explosion Hazard Data

Flash Point: Not flammable

Flammable limits (by volume): N/A

Extinguishing Media: carbon dioxide, foam, dry chemicals

Special Fire Fighting procedures: Use NIOSH approved respirators and protective clothing.

Unusual fire and explosion hazards: None known to Instrument Specialists Inc.

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Section 5: Health Hazard Data

Exposure	Effects of Exposure	Emergency and First Aid Steps
Skin contact	Minor irritation following direct contact with skin.	Wash with soap and water. Seek medical attention if needed.
Eye Contact	Mild irritation following contact with eye.	Flush with water for 15 minutes. Seek medical attention if needed.
Vapor Inhalation	Not known to occur.	N/A
Ingestion	No significant adverse health effects. May cause minor mouth & throat irritation.	Rinse mouth & throat with water. Seek medical attention if necessary.

Section 6: Reactivity Data

Stability: Stable

Hazard Polymerization: N/A

Conditions to avoid: Avoid evaporation.

Materials to avoid: Avoid bleach (strong oxidizing agents).

Hazardous decomposition products: Nitrous oxide and Ammoniacal vapors.

Section 7: Spill or Leak Procedures

Steps to be taken if material is released or spilled: Absorb spill with inert material and transfer to suitable container for disposal. Avoid high pressure wash which may create aerosol.

Waste disposal method: Flush with large quantities of water into sewage disposal.

Section 8: Special Protective Equipment

Skin: Gloves recommended.

Ventilation: General

Eyes: Safety glasses.

mechanical ventilation.

Nose/Mouth: None required.

Other: N/A

Section 9: Special Precautions

Precautions to be taken in handling and storage:

Store in a well-ventilated area at temperatures between 40-90 degrees. Keep from freezing.

Keep out of reach of children.

Other precautions: Long exposure of product to heat and/or humidity may reduce product's activity.

For liquid enzymes as in Hemaway, it is necessary to avoid spraying or high pressure washing.