

## **SECTION 1 - IDENTIFICATION**

**Product:** FLAME FREEZE™

**Recommended use of the chemical and restrictions on use:**

**Uses:** Firefighting foam with cooling agents.

**List of advices against:** None.

**Details of the supplier of the Safety Data Sheet:**

Mintech® Enterprises  
81 East Park Lane  
Atlanta, Ga. 30318  
404-234-5385  
www.mintechenterprises.com

**Emergency Telephone Number (INFOTRAC):** North America: 1-800-535-5053  
International: 1-352-323-3500

## **SECTION 2 – HAZARD IDENTIFICATION**

**Classification:** This product contains no reportable hazardous components according to US Federal Regulations.

**Signal Word:** None required.

**Hazard Statements:** None required.

**Pictograms:** None required.

**Precautionary Statements:** None required.

**Other Hazards:** No information available.

## **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Percent Weight
None	None	None

This product does not contain any hazardous components under OSHA 29CFR 1910.1200.

## **SECTION 4 – FIRST AID MEASURES**

**Eye Contact:** Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

**Skin Contact:** No adverse effects expected. If irritation occurs, wash with water to remove product. Remove contaminated clothing and wash before reuse. If difficulties arise, contact a physician.

**Inhalation:** No adverse effects expected. Not an inhalation hazard.

**Ingestion:** No adverse effects expected under normal use. If large quantities are swallowed, contact a physician.

**Most Important Symptoms and Effects:**

**Acute:** May cause eye irritation with contact with product or mists. This is characterized by redness and swelling of the eye.

**Delayed:** Repeated or prolonged exposure to skin may cause dermatitis.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** None.

**SECTION 5 – FIREFIGHTING MEASURES**

**Extinguishing Media:** Product is nonflammable. Use extinguishing media appropriate for surrounding fire.

**Specific Hazards Arising From the Substance or Product:**

**Hazardous Combustion Products:** High temperature steam, potentially oxides of carbon.

**Protective Equipment and Precautions for Firefighters:** Will not burn or support combustion. Use water spray to cool fire exposed containers and to flush spills. Spilled material may cause the floor to be slippery. Fire fighters wear self-contained breathing apparatus with full face piece in pressure demand or other positive pressure mode for surrounding fire.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Product is slippery. Wear appropriate personal protection equipment.

**Environmental Precautions:** Avoid getting concentrate into sewers or water ways.

**Methods and Materials for Containment and Cleaning Up:** Contain spill if possible. Absorb on mineral clay absorbent material. Shovel into DOT approved container for disposal.

**SECTION 7 – HANDLING AND STORAGE**

**Precautions for Safe Handling:** Avoid spills and clean them up immediately when they occur. Product is slippery. For industrial or professional use only. **KEEP OUT OF REACH OF CHILDREN!**

**Conditions for Safe Storage:** Keep container closed when not in use. Protect from freezing. Store at temperatures below 120°F. Water contamination should be avoided.

**Incompatibilities:** Avoid strong oxidizing agents.

**SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION****Exposure Limits and Recommendations:**

Chemical Name	OSHA PEL	ACGIH TLV	Other Exposure Limits
Not Applicable			

**Engineering Controls:** Normal ventilation.

**Personal Protection Measures:**

**Respiratory Protection:** Not normally required.

**Skin and Body:** Not required.

**Eye Protection:** Safety glasses recommended.

**Other Recommendations:** None.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance and Odor:** Clear purple liquid with pleasant clean fragrance.

**Odor Threshold:** Not determined.

**pH:** 7.0 – 7.5

**Freezing Point:** 32°F

**Boiling Point:** 212°F

**Flash Point:** None.

**Evaporation Rate (BUAC=1):** Slower.

**Flammability:** Product is not flammable.

**Flammability or Explosion Limits:** **Upper:** Not applicable. **Lower:** Not applicable.

**Vapor Pressure:** Not determined.

**Specific Gravity:** 1.115

**Solubility in Water:** Complete.

**Solubility in Other Solvents:** Not determined.

**Partition Coefficient (n-octanol/water):** Not determined.

**Auto-ignition Temperature:** Not applicable.

**Decomposition Temperature:** Not determined.

**Viscosity:** Not determined.

**Other Information:** None.

## **SECTION 10 – STABILITY AND REACTIVITY**

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable.

**Possible Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of carbon.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

**Routes of Exposure:**

Inhalation	Ingestion	Skin	Eye
		X	X

**Physical, Chemical and Toxicological Effects:**

**Symptoms:** May cause eye irritation with contact with product or mists. This is characterized by redness and swelling of the eye. Prolonged or repeated skin contact may cause irritation or dermatitis.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:**

**Sensitization:** Not a skin sensitizer.

**Germ Cell Mutagenicity:** No data available.

**Carcinogenicity:** This product has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

**Reproductive Toxicity:** This product does not contain any known or suspected reproductive hazards.

**Specific Target Organ Toxicity:** Eye (Single Exposure).

**Numerical Measures of Toxicity:**

**Product:** Not determined.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:** This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**Persistence and Degradability:** Readily biodegradable per 40CFR 796.3200.

**Bioaccumulation:** Not determined.

**Mobility:** Not determined.

**Other Adverse Effects:** None known.

**SECTION 13 – DISPOSAL CONSIDERATIONS****Waste Treatment Methods:**

**Disposal of Wastes:** Dispose of product in accordance with national and local regulations.

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other Information:** None.

**SECTION 14 – TRANSPORTATION INFORMATION****DOT:**

**UN Number:** Not listed.

**Proper Shipping Name:** Not regulated.

**Hazard Class:** Not applicable.

**Packing Group:** Not applicable.

**SECTION 15 – REGULATORY INFORMATION****US Federal Regulations:**

- TSCA:** All ingredients of this product are listed in the TSCA inventory.
- SARA 313:** This product contains the following chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and Title 40 CFR 372.

Chemical Name	CAS Number	Percent Weight
None		

**US State Regulations:**

- California:** This product contains the following chemical or chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm: None.

**SECTION 16 – OTHER INFORMATION**

**Issue Date:** October 7, 2008  
**Revision Date:** December 2, 2013

Health	Flammability	Reactivity	Personal Protection
1	0	0	A

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