



Material Safety Data Sheet

FOAM FIRE EXTINGUISHER

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: FOAM FIRE EXTINGUISHER
Product Use: Fire extinguisher

Supplier Information

Company Name: Jiangshan Diyi Fire Equipment CO., Ltd.
Address: No.16 Riyue road,riyue village, xintangbian town,jiangshan city, China
Tel: 0570-4772262
Fax: 0570-4772261
Emergency Telephone: 13605827692

2 HAZARDS IDENTIFICATION

Routes of entry: Dermal, inhalation and ingestion Potential Health Effects: May cause skin and eye irritation.
 Carcinogenicity: Not a carcinogen.

3 COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	Common Name	ACGIH/PPM		OSHA/PPM		% by wt
		TWA	STEL	PEL		
7732-18-5	water					85% - 90%
57018-52-7	propylene glycol t-butyl ether	not established				2% - 4%
7487-88-9	magnesium sulfate	N/A	N/A	N/A		1% - 2%
proprietary mixture	proprietary hydrocarbon surfactant	N/A	N/A	N/A		proprietary
proprietary mixture	proprietary fluorosurfactant	N/A	N/A	N/A		proprietary

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Call a physician.
 Inhalation: Remove to fresh air.
 Skin: Rinse with water. Wash with soap and water. Contaminated clothing should be washed before re-use.
 Eyes: Rinse with water. Call a physician.

5. FIRE FIGHTING MEASURES

Flash Point: >150° F
 Flammable Limits in air (lower % by volume): not evaluated
 Flammable Limits in air (upper % by volume): not evaluated
 Auto-ignition Temperature: not evaluated
 General Hazards: None known.
 Fire Fighting Equipment: Self contained breathing apparatus
 Fire Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical, Halon
 Fire and Explosion Hazards: Decomposition products may be toxic. Hazardous
 Combustion Products: oxides of nitrogen, sulfur and carbon



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6. ACCIDENTAL RELEASE MEASURES

Contain spills. Vacuum or pump into storage containers, absorb smaller quantities with absorbent materials, and dispose of properly. Washing area with water will create large amounts of foam.

Dispose of released and contained material in accordance with local, state, and federal regulations. Release to local waste treatment plant only with permission.

7. HANDLING AND STORAGE

Store in original container, or appropriate end-use device. Store at temperatures of 35 - 120 degrees F. If the material freezes, it may be thawed without loss of performance.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection: Wear side-shield safety glasses.

Skin Protection: Wear latex gloves.

Respiratory Protection: Use organic vapor respirator if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	205° - 212°F
Melting Point:	30° F
Specific Gravity:	1.012 g/ml
Vapor Pressure (mm Hg):	N/A
pH	7.0 - 8.5
Flash Point (PMCC):	>150°F
Vapor Density (air = 1)	N/A
Solubility in water:	100%
Appearance:	clear amber liquid
Odor:	slight solvent odor

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Strong oxidizers

Hazardous Polymerization: Will not occur.

Decomposition Products: Oxides of nitrogen, sulfur, carbon.

11. TOXICOLOGICAL INFORMATION

Eye Irritation: (Rabbits) mild irritant



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Skin Irritation:	(Rabbits) minimal irritant
Inhalation Toxicity:	not evaluated
Sensitization:	not evaluated
Teratology:	not evaluated
Mutagenicity:	not evaluated
Reproduction:	not evaluated
Acute Oral Effects (Rats):	not evaluated

12. ECOLOGICAL INFORMATION

	CONCENTRATE	SOLUTION (AS USED)
Chemical Oxygen Demand:	210,000 mg/l	6,300 mg/l
Biological Oxygen Demand (20 day):	79,800 mg/l	2,394 mg/l
Biodegradability (B.O.D./C.O.D.)	38%	38%
Total Organic Carbon:	33,600 mg/l	1008 mg/l
LC50 (96 hour pimephales promelas)	233 ppm	7767 ppm
LC50 (48 hour, daphnia magna)	1110 ppm	37,000 ppm

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state, and federal regulations. Discharge to waste treatment plants only with permission.
 Anti-foam agents may be used to reduce foaming in waste streams.

14. TRANSPORT INFORMATION

Department of Transportation proper shipping name:	not regulated
Proper Shipping Name: Fire extinguisher	Packing Group:N/A
ID Number: UN 1044	Labels: Non-flammable gas
Hazard Class: 2.2	Packing Instructions: 213

15. REGULATORY INFORMATION

All ingredients are on the TSCA inventory.
 No components are reportable under SARA Title III, sec. 313



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No components are priority pollutants listed under the U.S. Clean Water Act Section 307 (2)(1) Priority Pollutant List (40 CFR 401.15).

No components are reportable under CERCLA.

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