

FIREBULL[®]

F3 Fluorine Free Foam



FireBULL is the most complete and user-friendly firefighting foam in the world!

- FLUORINE FREE
- ACID FREE
- BIODEGRADABLE

FireBULL contains vapor-sealing and rapid cooling properties that reduce the risk of exposure to carcinogenic particulates. It will not gum, clog, or corrode foam systems. FireBULL has a 20+ year shelf life. You have to see it to believe it! Video Link: <https://www.gpsinc.com/fireade>

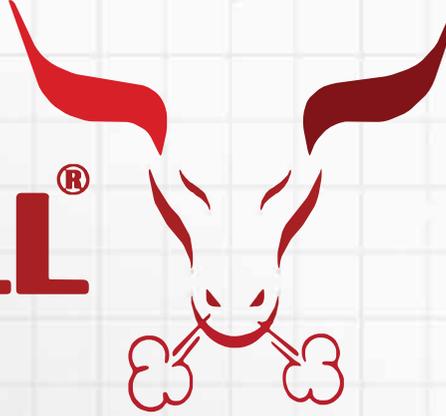
Authorized Representative:

GPS International, LLC
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The Woodlands, Texas 77380
832.319.1730
www.gpsinc.com



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Authorized Representative
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GPS International, LLC
Contact Alicia Heiskell

a.heiskell@gpsinc.com
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PRODUCT INFO:

FIREBULL F3 Fluorine Free Foam is a seamless transition from AFFF products for fire departments. The most complete and user friendly firefighting agent produced in the world, FIREBULL eliminates all of the long-established issues of Class B foams: it will not clog, gum, or corrode foam systems or equipment. FIREBULL offers the simplicity of using one product to extinguish multiple classifications of fire, allowing fire departments and brigades to increase their stocking supply by using just one product that serves two purposes. Unlimited Shelf Life.

FIREBULL F3 holds third party verification of concentrate free from PFOS and other PFAS available on request.

APPLICATIONS

US/European Class A Fires
Wood, Grass, Coal, Tires, Hay,
Cotton, Cardboard, Initial
Knockdown:
0.25%

Wetting Agent:
0.25%-1.0%. Reapply as needed.

Cars, Trucks, Heavy Equipment:
0.50% up to 1.0%

US Class B, European Class B/C
Fires

Non-Polar Solvents:
Gasoline, Gasoline w/10%
Ethanol,
Jet A, JP4/5/8, Crude Oil, Diesel,
Etc.
3% using 0.16gpm/ft² for 10-20
minutes. Reapply as needed.

FEATURES

Compatible with all regular
and all standard equipment
Excellent burnback protection
Rapid cooling properties
1st F3 with vapor barrier
properties
Applicable for Training at 1%, 3%,
and 6% for low, medium, and
high expansion
Effective with Fresh Water,

CURRENT TESTING

Successful 20:B rating with
Heptane fuel fire from Southwest
Research Labs using Enforcer 10
CAF system
Successful UL 162 testing with
Southwest Research Labs
Successful 711 1:B testing using
aerosol cans and heptane fuel.

Scheduled Testing
UL 162- 6% & 3%
NFPA 18 A and B (2021)
ICAO Level C (2021)



Associated Products



FIREBULL
CLASS A WETTING AGENT



FIREBULL
TRAINING FOAM



ENFORCER 30 CAFS



ENFORCER 10 CAFS

FIREBULL F3 FLUORINE FREE FOAM

Preparation Date: 1/17/2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: FIREBULL F3 FLUORINE FREE FOAM
Recommended use: Fire Fighting
Manufacturer, supplier:
 Enforcer One, LLC
 473 Dividend Dr
 Peachtree City, GA 30269
 Phone 678-788-8413
Emergency Contact Telephone number: 770-460-7793

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	1
Flammability	0
Physical Hazard	0



2. HAZARDS IDENTIFICATION

GHS Classification

Acute oral toxicity Category 4
 Skin Irritation Category 2
 Serious Eye Irritant Category 2A

GHS Label Element



Hazard Pictograms:

Signal Word Warning

Hazard Statements

Harmful if swallowed
 Causes skin irritation
 Causes serious eye irritation

Precautionary Statements:

Prevention: Wash skin thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves and eye protection.

Response:

Principal routes of exposure: Eye contact, Skin contact, Inhalation, Ingestion.

Skin: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

Eyes: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation: If symptoms occur move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.

Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %
Proprietary hydrocarbon surfactant blend	NA	1 – 5
Glycol Ether	112-34-5	10
Xantham Gum	11138-66-2	< 3
Sodium Decyl Sulfate	142-87-0	7
H2O	NA	75

4. FIRST AID MEASURES

Skin contact: Wash contaminated area with soap or mild detergent. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation persists.

Eye contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Inhalation: If symptoms occur, move affected person to fresh air. If not breathing, give artificial respiration. If symptoms persist, get medical attention promptly.

Ingestion: If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

5. FIRE-FIGHTING MEASURES

Fire Fighting Procedure: Use water vapor, foam or fog. Firefighters should wear proper protective equipment.

Fire Hazard: N/A

Flash Point (F°, TCC): None

Flammable Limits: LEL: N/A

6. ACCIDENTAL RELEASE MEASURES

Spill Clean Up: Wear appropriate protective equipment (see Section 8). Absorb with an inert material and put spilled material in appropriate waste disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Keep container closed. Wash thoroughly after handling.

Storage: Keep container in cool well ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment

Eyes: Safety eyewear should be used when there is a likelihood of exposure.

Hand: For prolonged or repeated handling wear impervious chemical resistant gloves.

Skin: Wear normal work place attire.

Respiratory: Avoid breathing vapors, spray or mists.

Ingredient(s)	CAS #	ACGIH	OSHA	Mexico

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Orange liquid
Odor	characteristic
Upper and lower flammability or explosive limits	not available
Vapor pressure	not available
Odor threshold	not available
Vapor density	not available
pH	7-9
Relative density	1.0-1.02
Melting point/freezing point	not available
Boiling Point deg. F	not available
Solubility water	soluble
Initial boiling point and boiling range	not available
Flash point	not available
Evaporation rate	not available
Auto-ignition temperature	not available
Decomposition temperature	not available
VOC content (%)	<1
Viscosity	not available

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: Strong oxidizing agents.

Polymerization: Will not occur.
Hazardous Decomposition: Carbon monoxide, carbon dioxide, and other organic materials.

11. TOXICOLOGICAL INFORMATION

Toxicity to animals: NA
Oral (LD50) Acute:
Dermal (LD50) Acute:

12. ECOLOGICAL INFORMATION

Ecological Information: Not available.
Biodegradable/OECD: Not available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Liquid wastes are not permitted in landfill. Consult local, state, and federal agencies for proper disposal in your area.

Classification: Non-hazardous waste

14. TRANSPORT INFORMATION

Not regulated as hazardous by DOT 14.1 Product:
Shipping Class: 70; NMFC # 048580-00; Schedule B: 3813.00
14.2 Extinguishers: Shipping Class: 60; NMFC # 069185; Schedule B: 8424.10

Note: DOT classification does not necessarily apply to all sizes. For specific container size exceptions, refer to the Bill of Lading with your shipment.

15. REGULATORY INFORMATION

SARA 313 toxic chemical notification and release reporting: No product found
Clean Water Act (CWA) regulated substance: No product found
Clean Air Act (CAA) 112 regulated toxic substances: No product found
State Regulations: The following ingredients appear on various State's Right to Know lists and/or California's Proposition 65 list:

Ingredient(s)	CAS #	State List
None		

SARA 311/312 Hazard Categories

Immediate: -
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS Hazard Class:

16. OTHER INFORMATION

Reason for revision: Format revision
Additional advice:

Notice to Reader:

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered in good faith in the belief that it is accurate. This material safety data sheet shall not be deemed to constitute or imply any warranty of any kind. In the event of an adverse incident associated with this material, this safety data sheet is not intended as a substitute for consultation with appropriately trained personnel (refer to section 1). Some information presented and conclusions herein are from sources other than

test data on the substance itself. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.