



# FIREBULL®

## F3 Fluorine Free Foam

### FIREBULL A/B



**FireBULL** is the most complete and user-friendly firefighting foam in the world! FIREBULL A/8 is low viscosity, mixes easily with water, and is compatible with Class A and 8 tanks, pumps, and standard firefighting equipment.

- FLUORINE FREE
- BIODEGRADABLE
- VAPOR SEALING & RAPID COOLING PROPERTIES
- WILL NOT CLOG, GUM OR CORRODE FOAM SYSTEMS
- 20+ year shelf

**24/7 EMERGENCY HOTLINE:**  
**678.788.0107**

AUTHORIZED REPRESENTATIVE:  
GPS INTERNATIONAL LLC  
4200 RESEARCH FOREST DR STE 110  
THE WOODLANDS, TX 77381

832.319.1730  
WWW.GPSINC.COM





# FIREBULL®

## F3 Fluorine Free Foam

### FIREBULL A/B



FIREBULL® is manufactured by EnforcerOne, LLC.  
Contact Authorized Representative  
GPS International LLC  
Alicia Heiskell  
a.heiskell@gpsinc.com  
713.210.9150

#### PRODUCT INFO:

FIREBULL F3 Fluorine Free Foam is a seamless transition from AFFF products for fire departments. FIREBULL A/B is our newest development in fluorine free firefighting concentrates. FIREBULL A/B is closest in physical characteristics to traditional A/B products but contain NO fluorine or intentionally added PFAS. FIREBULL A/B is low viscosity, mixes easily with water, and is compatible with Class A and B tanks, pumps, and standard firefighting equipment. FIREBULL A/B is applicable from 0.25% for Class A fires to 3% for Class B fire extinguishment and is NFPA 18 compliant.

#### APPLICATIONS

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

Wetting Agent: Class B  
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 .1 GPM/Sq.Ft. Indirect  
Application  
3% using .16 GPM/Sq.Ft. Direct  
Application

Polar Solvents  
Ethanol, Gasoline w/85% Ethanol,  
6% using .3 GPM/Sq.Ft. for 20-30  
minutes. Reapply as needed.

US/European Class D fires/EV fires  
Recommended application is 3% or  
6% using proper equipment.



#### PHYSICAL PROPERTIES

Appearance: Clear Liquid  
PH: 7.0-9.0  
Viscosity: 20 cps  
Density, g/ml: 1.018  
Expansion Ratio: 7.5  
25% Drain Time: 3:26  
Acid Content: None  
Fluorine Content: (TOF) <1ppm  
Min Storage Temp: 35°F (2°C)  
Max Storage Temp: 120°F (49°C)  
Effect of Freeze/Thaw: None

#### CERTIFICATIONS

GreenScreen Certified™ Silver  
UL Rated Class A 0.25%  
UL Rated Class B 0.25%-3%



## Associated Products

PART NUMBER  
FB-AB-005

GreenScreen Certified™ is a registered trademark of Clean Production Action.



FIREBULL  
CLASS A WETTING AGENT



FIREBULL  
TRAINING FOAM



ENFORCER 30 CAFS



ENFORCER 10 CAFS



## FIREBULL A/B F3 FLUORINE FREE FOAM

Preparation Date: 11/16/2022

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** FIREBULL A/B 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

Skin Irritation Category 2  
Serious Eye Irritant Category 2A

GHS Label Element

Hazard Pictograms:

Signal Word: Warning

Hazard Statements

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 – 6
Glycol Ether	112-34-5	8
Sodium Decyl Sulfate	142-87-0	3.5
H2O	NA	82.5

## 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	clear light red 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:

Eye irritation: Category 2  
Skin and irritation/corrosion: Category 2

## 12. ECOLOGICAL INFORMATION

**Ecological Information:** Aquatic Toxicity OECD #201 Alga LC50 > 10mg/L  
Aquatic Toxicity OECD #202 Daphnia EC50 > 402 mg/L  
Aquatic Toxicity OECD #203 Fish LC50 . 37.5 mg/L  
Bacteria: DIN EN ISO 38412-3: 1.5 ml/l

**Biodegradable/OECD 301F:** BOD10 = 71.8%  
BOD28 = 83.8%

## 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 by IATA

Not regulated as hazardous by DOT 14.1 Product:

Shipping Class: 70; NMFC # 048580-00; Schedule B: 3813.00

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.