GREEN CANYON VENTURES

SAFETY DATA SHEET

FS-03 Foam Concentrate

SDS VERSION	REVISION DATE	EDITION	EMERGENCY 24 H
1.0	2026-10-01	First edition	USA/Canada +1 786 991 4134 Europe +34 687 17 30 70

Prepared in accordance with OSHA Hazard Communication Standard 29 CFR 1910.1200 (as amended 2024, Appendix D) and GHS Rev. 10.

1 Identification

Item	Information
Product identifier	FS-03 Foam Concentrate
Other means of identification	Synthetic fluorine-free foam concentrate (SFFF / F3), 5%
Recommended use	Foam concentrate for Class B fires (petroleum products, chemicals and flammable liquids), used at 5% in water together with the FS-02 fire suppressant.
Restrictions on use	Not for human or animal consumption. Do not use on energized electrical equipment: the product contains water and conducts electricity. Use as directed on the technical data sheet.
Manufacturer and US responsible party	Green Canyon Ventures LLC, 1946 SW 9th Street, Miami, FL 33135, USA
Telephone	USA and Canada: +1 786 991 4134 (24 h). Europe: +34 687 17 30 70
Email	info@greencanyon.us
Emergency telephone (24 h)	USA and Canada: +1 786 991 4134. Europe: +34 687 17 30 70

2 Hazard(s) identification

Classification of the concentrate: Eye irritation, Category 2 (OSHA HCS 29 CFR 1910.1200; EU CLP Regulation (EC) No 1272/2008; Canada WHMIS 2015).

Use solution (5% in water): not classified as hazardous. The diluted product used in firefighting contains less than 1% surfactant.

Label elements (concentrate): Pictogram GHS07 (exclamation mark). Signal word: **Warning**. Hazard statement: H319 Causes serious eye irritation.

Note: this applies only to direct contact of the undiluted concentrate with the eyes. Any irritation is mild and reversible. The use solution (5% in water) is not classified and is not irritating.

Precautionary statements: P264 Wash hands thoroughly after handling. P280 Wear eye protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice.

Hazards not otherwise classified (HNOC): None.

Other hazards: Not persistent, bioaccumulative or toxic (does not meet the PBT or vPvB criteria). Contains no fluorosurfactants and no PFAS.

3 Composition / information on ingredients

Mixture.

Chemical name	CAS No.	Concentration (% w/w)
Water	7732-18-5	30–60
Anionic surfactant (sodium alkyl sulfate)	Trade secret	10–30
Non-ionic surfactant	Trade secret	10–30
Polymer	Trade secret	10–30
Humectants	Trade secret	1–10

The specific chemical identity and exact percentage of these ingredients have been withheld as a trade secret. All components are approved for use in personal-care products (hair care, soaps, body washes, skin care). Contains no fluorosurfactants and no PFAS.

4 First-aid measures

Route	First aid
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. If irritation persists, get medical advice.
Skin contact	Rinse with plenty of water.
Inhalation	Not expected. Move to fresh air if discomfort occurs.
Ingestion	Rinse mouth. Do not induce vomiting. Get medical advice if a large amount is swallowed.

Most important symptoms and effects: May cause mild, transient eye irritation. No delayed effects known.

Immediate medical attention and special treatment: Not normally required. Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media: The product is itself a firefighting foam concentrate. Use any media appropriate to the surrounding fire.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: None. The product is non-flammable. In a fire, as with any organic material, decomposition may produce carbon monoxide, carbon dioxide and sulfur oxides.

Special protective equipment and precautions for firefighters: Standard firefighting protective gear.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: No special precautions. Spilled product can make surfaces slippery. Gloves and eye protection are recommended.

Environmental precautions: The product is biodegradable and contains no PFAS. As good practice, avoid releasing large quantities of undiluted concentrate into drains or water bodies.

Methods and materials for containment and cleaning up: Small spills: rinse with water (the product will foam). Large spills of concentrate: contain and recover for reuse where possible, or absorb with sand or earth (Section 13).

7 Handling and storage

Precautions for safe handling: No special precautions. Avoid agitating the concentrate unnecessarily, as it foams. Wash hands after use.

Conditions for safe storage, including incompatibilities: Store in closed original containers (1,000 L IBC totes, 10 L or 25 L jugs) at 1 °C to 50 °C (34 °F to 122 °F), away from direct sunlight. Shelf life approximately 2 years. Store separately from strong oxidizers.

8 Exposure controls / personal protection

Occupational exposure limits: None. No component of the product, as supplied, has an applicable occupational exposure limit.

Engineering controls: None required. General ventilation is sufficient.

Personal protective equipment: The following is recommended:

- Eyes: safety glasses when handling the concentrate.
- Hands: protective gloves.
- Respiratory: not required.

9 Physical and chemical properties

Typical values for the concentrate, from the 2026 technical data sheet.

Property	Value
(a) Physical state	Viscous liquid; foams when agitated
(b) Color	Yellowish, transparent
(c) Odor / odor threshold	Almost odorless; mild soap-like odor / not applicable
(d) Melting / freezing point	Melting point: not applicable. Freezing point: 0 °C (32 °F)
(e) Initial boiling point	Approx. 100 °C (212 °F)
(f) Flammability	Not flammable

Property	Value
(g) Lower/upper flammability limits	Not applicable
(h) Flash point	None
(i) Auto-ignition temperature	Not applicable
(j) Decomposition temperature	Not applicable under normal conditions
(k) pH	6.5–7
(l) Viscosity	980 cP (dynamic); approx. 915 mm^2/s (kinematic)
(m) Solubility	Soluble in water
(n) Partition coefficient (log Kow)	Not applicable
(o) Vapor pressure	Approx. 23 hPa at 20 °C (68 °F) (water)
(p) Density	1.07 g/cm^3
(q) Relative vapor density	Not applicable
(r) Particle characteristics	Not applicable (liquid)
Thermal resistance	Above 1,000 °C (1,832 °F)

10 Stability and reactivity

Reactivity: Not reactive under normal conditions of use and storage.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None under normal conditions of use.

Conditions to avoid: None under normal conditions.

Incompatible materials: Strong oxidizers. Not corrosive to metals.

Hazardous decomposition products: None under normal conditions. In a fire: carbon monoxide, carbon dioxide and sulfur oxides.

11 Toxicological information

Basis: No toxicological study has been performed on the mixture. Classification is based on the components (calculation method). All components are approved for use in personal-care products.

Likely routes of exposure: Eye contact, skin contact, ingestion.

Endpoint	Concentrate	Use solution (5%)
Acute toxicity (oral, dermal, inhalation)	Not classified	Not classified
Skin irritation	Not classified	Not irritating
Eye irritation	Causes eye irritation (Category 2)	Not classified

Endpoint	Concentrate	Use solution (5%)
Skin sensitization	Not classified	Not classified

Symptoms: Contact of the concentrate with the eyes may cause redness and irritation.

Note: this applies only to direct contact of the undiluted concentrate with the eyes. Any irritation is mild and reversible. The use solution (5% in water) is not classified and is not irritating.

Delayed, immediate and chronic effects: None known.

Germ cell mutagenicity, reproductive toxicity, STOT, aspiration hazard: Not classified.

Carcinogenicity: No component at 0.1% or more is listed as a carcinogen by NTP, IARC or OSHA.

12 Ecological information

Ecotoxicity: No study has been performed on the mixture. The surfactants are of the type used in personal-care products; at the use dilution (5%), surfactant content is below 1%. The product is not expected to have harmful effects on the aquatic environment at use concentrations.

Persistence and degradability: Biodegradable. The surfactants meet the biodegradability criteria of the EU Detergents Regulation (EC) No 648/2004.

Bioaccumulative potential: Not expected.

Mobility in soil: Water-soluble components.

Other adverse effects: Contains no PFAS or ozone-depleting substances. Not PBT or vPvB.

13 Disposal considerations

The product is not a hazardous waste under RCRA. Unused product can be reused. Dispose of according to local regulations. Diluted product and rinse water may be discharged to the sanitary sewer where the local authority permits. Rinse empty containers and recycle them.

14 Transport information

Regulation	UN number	Proper shipping name	Hazard class	Packing group
US DOT	Not regulated	—	—	—
Canada TDG	Not regulated	—	—	—
IMDG	Not regulated	—	—	—
ICAO/IATA	Not regulated	—	—	—
ADR/RID	Not regulated	—	—	—

Marine pollutant: No. **Special precautions:** Protect from freezing.

15 Regulatory information

United States

- TSCA: All components are listed on the TSCA Inventory as Active.
- SARA Title III, Sections 302/304, 311/312, 313: No reportable components.

- California Proposition 65: This product contains no chemicals known to the State of California to cause cancer or reproductive harm.
- PFAS: Contains no intentionally added PFAS.

Canada: All components are on the Domestic Substances List (DSL). Classified under WHMIS 2015 as in Section 2 (concentrate).

European Union: Classified under CLP Regulation (EC) No 1272/2008 as in Section 2 (concentrate). Compliant with REACH Regulation (EC) No 1907/2006. Surfactants meet the biodegradability criteria of the Detergents Regulation (EC) No 648/2004.

16 Other information

Item	Value
Date of preparation	2026-10-01
Version	1.0 (first edition)
Prepared by	Green Canyon Ventures LLC

Abbreviations: CLP, Classification, Labelling and Packaging; DSL, Domestic Substances List; GHS, Globally Harmonized System; PBT, persistent, bioaccumulative and toxic; vPvB, very persistent and very bioaccumulative; PFAS, per- and polyfluoroalkyl substances; SFFF, synthetic fluorine-free foam; TSCA, Toxic Substances Control Act.

Disclaimer: The information in this SDS is believed to be accurate as of the revision date. It describes the product for safety purposes only and is not a product specification or warranty. Users are responsible for determining the product's suitability for their use and for complying with applicable laws.