



SAFETY DATA SHEET FS-01/FS-02

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification

Products name: Fire Suppressant FS-01/FS-02

Use of substance or preparation

Fire suppressant for application by air and land on structural fires and wildfires.

Company Information

Distributor for US/Canada & other countries: **GREEN CANYON VENTURES LLC**

E-mail: info@greencanyon.us

Emergency telephone number: +1 786 991 4134

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance

According to the Occupational Safety and Health Administration (OSHA) of the U.S. Department of Labor, OSHA 3844-02 201/026, the classification of this product is as Non-Toxic.

Classification according to EU Directive 1272/2008, which implements the United Nations' Globally Harmonised System of Classification and Labelling of Chemicals (GHS) in the EU: FS-01/FS-02 is a non-toxic product that does not require classification according to the Classification, Labelling, and Packaging laws

Classification according to EU Council Directive 64/548/CEE or EU Directive 1999/45/CE: Not applicable

Additional details on the risks to humans and the environment: No obligation to identify the product according to the calculation process from the latest version of the "General directive on the classification of preparations in the EU."

Labeling

According to the directives of the EU and regulations on hazardous substances, the product does not require specific labeling.



SECCIÓN 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance	CAS No.	Risk
Water	7732-18-5	none
Guar gum	9000-30-0	none
Cellulose	9004-34-6	none
Urea	57-13-6	none
Ammonium sulphate / Ammonium poliphosphate	7783-20-2 / 68333-79-9	none
Polypropylene Glycol	25322-69-4	none
Red pigments (iron oxide)	1309-37-1	none

SECTION 4: FIRST AID MEASURES

General

No special measures needed.

Inhalation

Immediate first aid is not likely to be required. Move exposed person to fresh air, if possible. Seek medical attention if any discomfort persists.

Skin contact

Immediate first aid is not likely to be required. However, this material can be removed with water. Wash heavily contaminated clothing before reuse.

Eye contact

Immediate first aid is not likely to be required. However, this material can be removed by washing open eyes under running water. If discomfort persists, seek medical attention.

Ingestion

Immediate first aid is not likely to be required. The product is not considered toxic by ingestion. However, in case of unusual symptoms, seek medical attention or contact the Poison Control Center.



SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

No special requirement

Unsuitable extinguishing media

No special requirement

Exposure hazard

None known

Protective equipment

No special protective equipment required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

The usual protective measures for handling non-dangerous chemical products is recommended.

Environmental precaution

Flush with abundant amounts of water.

Methods for cleaning up

Remove and clean with abundant amounts of water. Product is 100% soluble.

Refer to Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

Handling:

No special handling instructions. Handle in accordance with good industrial hygiene and safety practices.

Storage:

Keep container closed and store preferably in a cool and dry place. In the case of decanting of the product from its original container to a different container, make sure the recipient container is completely clean



FS-01/FS-02 Safety Data Sheet
2024

and free of any chemical residue. Before decanting, mix the product in order to homogenize it completely and guarantee that the product has been completely decanted.

The product may freeze slightly if subjected to temperatures below 5°F, and some of its components may form micro crystals. However, the product will return to its regular state, with no variation in the effectiveness of the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

The product does not contain relevant amounts of components with exposure limits that require occupational control.

Hand/skin protection

Although the product does not present a significant skin concern, skin contamination should be minimized as good industry practice. Wearing of protective gloves is recommended. Wash hands and contaminated skin after handling.

Eye protection

Although this material does not cause significant eye irritation or eye toxicity requiring special protection, good industrial practice should be used to avoid eye contact.

SECCIÓN 9: PHYSICAL AND CHEMICAL PROPERTIES

- a) Appearance: milky red liquid
- b) Odor: none
- c) Odor threshold: N/A
- d) pH: 6-7 (at 68°F)
- e) Melting point/freezing point: Undetermined
- f) Initial boiling point and boiling range: Undetermined
- g) Flash point: Undetermined
- h) Evaporation rate: Undetermined
- i) Flammability (solid, gas): Not flammable
- j) Upper/lower flammability or explosive limits: Undetermined
- k) Vapor pressure: 23 hPa (at 68°F)
- l) Density: approx. 1.4 g/cm³ (at 68°F)
- m) Vapor density: Undetermined



FS-01/FS-02 Safety Data Sheet
2024

- n) Relative density: Undetermined
- o) Solubility: Water > 95%
- p) Partition coefficient: n-octanol/water: Undetermined
- q) Auto-ignition temperature: No auto-ignition
- r) Decomposition temperature: Undetermined
- s) Viscosity: >200 cps (at 73° F)
- t) Chemical Formula: TRADE SECRET

NOTE: The data above represents typical values based on material tested, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

SECCIÓN 10: STABILITY AND REACTIVITY

Product is stable under normal conditions of storage and handling.

Conditions to avoid

None known.

Materials to avoid

None known.

Hazardous decomposition

None known.

Incompatible materials

Sodium Hypochlorite neutralizes the effect of the product.



FS-01/FS-02 Safety Data Sheet
2024

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity	FS-01/FS-02
Oral toxicity (LD₅₀) OECD 423 Toxicity by ingestion	Non-toxic > 2,000 mg/kg Non-toxic and non-irritating
Dermal toxicity (LD₅₀) OECD 402 Skin irritation	Non-toxic > 2,000 mg/kg Non-irritating
Eye irritation BCOP	Non irritating 8.74

SECTION 12: ECOLOGICAL INFORMATION

Eco-Toxicity	FS-01/FS-02
Fish toxicity (LC₅₀ – 96h) OECD 203 <i>Drachydanio rerio</i>	= 6,930 mg/l Non-toxic
Dalphineas toxicity (EC₅₀ – 48h) OECD 202 <i>Daphnia magna</i>	> 10,000 mg/l Non-toxic
Earth worms (LC₅₀ – 14 days)	Equivalency with <i>Daphnia magna</i> test
Biodegradability OECD 302B	50 mg COT/l 93% in 28 days 150 mg COT/l 87% in 28 days

Biodegradation

The product is 93% biodegradable in 28 days (50 mg COT/L) and 87% in 28 days (150 mg COT/L) and is non-toxic to fauna and flora.

PBT & vPvB

Not applicable. Product is not persistent, does not bioaccumulate, and is non-toxic.

Other adverse effects

None known



SECTION 13: DISPOSAL CONSIDERATIONS

Recycle or dispose of in accordance with local, state, and federal regulations. Consult the appropriate regulatory official for additional information on disposal and recycling.

SECTION 14: TRANSPORT INFORMATION

The information provided in this section is for information only. Please refer to local regulations for applicable transportation classification.

IMDG/UN	not regulated for transportation
ICAO/IATA	not regulated for transportation
RID/ADR	not regulated for transportation
Canadian TDG	not regulated for transportation
US DOT	not regulated for transportation

SECTION 15: REGULATORY INFORMATION

EU EINECS/ECHA	Listed
EU VOC Directive	Exceeds compliance standards (0% VOCs)

SECTION 16: OTHER INFORMATION

The information and recommendations provided herein (the "Information") is presented in good faith and believed to be correct as of the date hereof. GREEN CANYON VENTURES LLC makes no representations as to the completeness or accuracy thereof. The Information is supplied on the condition that the parties receiving the same will make their own determination as to its suitability for their purposes prior to use. In no event will GREEN CANYON VENTURES LLC be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the Information. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.