**GFR – 3**

**Safety Data Sheet**

**SECTION 1 – Identification**

Product form: Mixture

Product name: GFR-3

Product purpose: Fire Suppression and Fire Retardant for Wildfires

Company Name: Clore LLC

Phone: 425-443-6900

Location: 1568 Todd Street, Mountain View, CA, 94040

Uses of substance: Recommended uses for this product includes fire suppression against wildfires and long-term retardant applications on grounds.

Emergency Phone Number: 425-443-6900

**SECTION 2 – Hazard Identification**

GHS Classification: Not Classified

GHS Label Elements: No Labeling Applicable

Other Hazards: No additional information

**Section 3 – Ingredient Information**

Substances: Not applicable

Mixtures:

Name: Percent of concentrate:

Trade secret\* Trade secret\*

Trade secret\* Trade secret\*

Trade secret\* Trade secret\*

\*Chemical name, CAS number, and exact percentage are being withheld as a result of it being a trade secret

**SECTION 4 – First-Aid Measures**

Ingestion

Do not consume: If consumed, seek medical attention immediately.

Inhalation

If inhaling and breathing is difficult, seek fresh air immediately and rest until breathing returns to normal.

Eyes

Keep out of Eyes: If you have eye contact, flush eyes with water immediately for several minutes, and seek medical attention immediately. Remove contacts immediately if applicable.

Skin

If skin irritation occurs, wash skin with soap and water. If irritation continues, seek medical attention immediately.

Symptom of Ingestion:

May cause diarrhea, nausea, vomiting, and stomach pain.

Symptom of eye contact:

May cause eye irritation, such as itching and discomfort.

Symptom of skin contact:

May cause skin irritation such as skin dryness.

When to seek medical aid:

If an accident occurs, seek medical aid immediately.

**SECTION 5 – Fire-Fighting Measures**

Suitable and Unsuitable extinguishing media:

Suitable extinguishing media – Use suitable extinguishing media for the surrounding fire

Unsuitable extinguishing media – No data available

Specific hazards arising from the chemical:

Emits carbon dioxide

Special protective equipment and precautions for fire-fighters:

As in every fire, firefighters should wear self-contained breathing apparatus and full protective clothing.

**SECTION 6 – Accidental Release Measures**

Protective equipment:

Further reference in section 8

Personal precautions:

No information available

Emergency procedures:

No information available

Environmental precautions:

Prevent GFR-3 from entering any flowing or non-flowing body of water.

Methods and materials for containment and cleaning up:

If spilled, use sand or any other inert material to absorb the liquid. Then place the contaminated object(s) in a closed container that can be disposed of at a landfill. Do not allow the product to flow into any body of water. Use protective PPE when doing so.

**SECTION 7 – Handling and Storage**

Precautions for safe handling:

Handle containers carefully to prevent spills and open the container with care. Do not eat, drink, or smoke when in direct contact with GFR-3.

Conditions for safe storage:

Keep out of reach of children and keep GFR-3 in a closed storage container that will not spill. Keep the container in a location with proper ventilation.

**SECTION 8 – Personal Protection**

Control Parameters:

Not applicable

Appropriate engineering controls:

Work with GFR-3 only if good ventilation is available at workstations.

PPE:

Ensure gloves when handling the product.

Safety goggles and/or glasses are recommended.

Wearing suitable and protective clothing that can be cleaned or disposed of in case of contamination is recommended.

Suitable respiratory equipment is recommended in case of insufficient ventilation. Respirators are recommended to be suitable in accordance with high exposure levels.

Avoid releasing substances to the environment.

Handle in accordance with safety procedures and with the utmost caution.

**SECTION 9 – Physical and Chemical Properties**

Physical state: Liquid

Appearance: White Liquid

Color: No data available

Odor: Odorless

Odor threshold: No data available

pH: 6.6 – 7.5

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: No data available

Evaporation rate: No data available

Flammability: No data available

Vapor pressure: No data available

Density: 1.213 g/cm^3

Solubility: Water> 94%

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

**SECTION 10 – Stability and Reactivity**

Reactivity:

No dangerous reactions applicable

Stability:

Stable under normal conditions

Possibility of hazardous reactions:

Will not occur

Conditions to avoid:

Heat

Incompatible materials:

No data available

Hazardous decomposition products:

May release carbon dioxide when heated above 150 degrees Fahrenheit.

**SECTION 11 – Toxicological Information**

Acute toxicity:

LD50 oral rat: > 5000 mg/kg

Likely routes of exposure:

Ingestion and eye contact

Potential effects of exposure:

Eyes:

Severe eye irritation

Ingestion:

Diarrhea, nausea, vomiting, and stomach pain.

Carcinogenicity: None

**SECTION 12 – Ecological Information**

Our product may have negative long-term effects of aquatic life.

**SECTION 13 – Disposal Considerations**

Product & container disposal methods:

Dispose of the product in a way that observes all local, state, and federal regulations. Do not dump.

**SECTION 14 – Transport Information**

DOT: Not Regulated

IATA / ICAO: Not Regulated

IMO / IMDG: Not Regulated

**SECTION 15 – Regulatory Information**

All ingredients in this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

US California Prop 65: Exposure to this product does not contain any chemicals that cause cancer, birth defects, or other reproductive hazards.

**SECTION 16 – Other Information**

Most recent revision date: 5/26/2022