
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Eco-Gel™.
CHEMICAL FAMILY: Polysaccharide
CHEMICAL FORMULA: (C₃₅H₄₉O₂₉)_n
PRODUCT USE: Fire suppression water additive
PRODUCT RESTRICTIONS: N/A
SYNONYMS:
PRODUCT CODES: FREG-001, FREG-002, FREG-003
MANUFACTURER: FireRein Inc.
ADDRESS: 212 Camden Road - Suite 10, Napanee, Ontario K7R 1E3, 613-354-9777

FOR CHEMICAL EMERGENCY CALL CHEMTREC (DAY OR NIGHT)
PHONE: 1-800-424-9300 (within the USA and Canada)
OTHER CALLS: +1 703-527- 3887 (Outside of USA and Canada)

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
Not a dangerous mixture, not WHMIS controlled

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS
Not a hazardous substance or mixture

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS
none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:
Proprietary Natural Polyol blend
triglyceride

CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
Proprietary	35-55%		
120962-03-0	45-65%		

SECTION 4: FIRST AID MEASURES

Product forms a highly viscous gel when mixed with minimal water. If accidental ingestion / inhalation occurs, seek medical attention if you are unwell or are concerned. In case of contact with skin or eyes, rinse with water for 5 minutes.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: above 280°C

AUTOIGNITION TEMPERATURE: No Data Available

EXPLOSION LIMITS: No Data Available

Small Fire

- CO₂.

Large Fire

- CO₂, or oil fire extinguisher.
- Move containers from fire area if you can do so without risk.
- Dike fire-control water for later disposal; do not scatter the material.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Do not get water inside containers.
- Cool containers with flooding quantities of water until well after fire is out.

FireRein Inc.
SAFETY DATA SHEET

Eco-Gel™

FILE NO.: FR0002
SDS DATE: 20/01/28
REVISED DATE: 20/01/28

- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.

Protective Clothing

- No specialized protective clothing required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK

- Wipe with dry cloths.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a sealed container, away from direct sunlight or other heat sources.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATOR: Respiratory protection not required.

SKIN AND BODY PROTECTION: Not required.

VENTILATION: Not applicable.

ADDITIONAL PROTECTION: None required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Viscous liquid.

MOLECULAR WEIGHT: Not applicable.

ODOR: No

PHYSICAL STATE: Liquid

DENSITY (g/ml): 1.1 ± 0.1

BOILING POINT: No Data Available.

MELTING POINT: No Data Available.

SOLUBILITY IN WATER: Soluble

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: No Data Available.

POSSIBLE HAZARDOUS REACTIONS: No Data Available.

INCOMPATIBLE MATERIALS: Avoid strong reducing agents such as acid chlorides, phosphorus trichloride, phosphorus pentachloride, phosphorus oxychloride, etc. Avoid Strong oxidising agents.

DECOMPOSITION PRODUCTS: Oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

Oral Rat LD50 mg/kg: No Data Available.

Daphnia magna LC50 (48 hr): No Data Available.

Mutagenicity: No Data Available.

Skin Corrosion/Irritation: No Data Available.

Serious Eye Damage/Irritation: No Data Available.

Respiratory or Skin Sensitization: No Data Available.

Cell Mutagenicity: No Data Available.

Carcinogenicity: No Data Available.

Reproductive Toxicity: No Data Available.

STOT-Single Exposure: No Data Available.

STOT-Repeated Exposure: No Data Available.

Aspiration Hazard: No Data Available.

Potential Health Affects: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Bioaccumulation factor: No Data Available.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of according to local, state and federal regulation.

SECTION 14: TRANSPORT INFORMATION

Product does not contain regulated dangerous goods.

SECTION 15: REGULATORY INFORMATION

DSL Status: All substances on the DSL.

GHS Classification: Not WHMIS controlled.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

Latest Revision: Jan 28, 2020

DISCLAIMER:

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. FireRein Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.