
SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HotWorx™ by FireRein
CHEMICAL FAMILY: Polysaccharide, Triglyceride, Polyols and Water
CHEMICAL FORMULA: (C₃₅H₄₉O₂₉)_n
PRODUCT USE: Water Based Fire Prevention Liquid
PRODUCT RESTRICTIONS: N/A
SYNONYMS:
PRODUCT CODES: FR-HW-001, FRHW-002, FRHW-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

INGREDIENT:

Proprietary natural polyol blend
Water

CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
Proprietary	<40%		
7732-18-5	>75%		

SECTION 4: FIRST AID MEASURES

Product is a viscous gel containing mostly 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 Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.

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- Contents are package in a non-aerosol pressurized spray can
- Keep away from heat, may explode if heated
- Cool containers with flooding quantities of water until well after fire is out.

Protective Clothing

- No specialized protective clothing required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK

- Wipe with dry cloths and / or rinse with water

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

- Store cases and individual cans in a cool dry location, 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: 200° C.

MELTING POINT: -35° C.

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. Acrolein.

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/Irrigation: No Data Available.

Skin Corrosion/Irrigation: 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.

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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.

TOXICITY SUBSTANCES: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

UN 1950 2.2 non-flammable, nontoxic

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 31, 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.