

PRISTINE CHEMICALS

SAFETY DATA SHEET

SECTION 1 IDENTIFICATION

PRODUCT NAME: FIREWASH

PRODUCT USE: Degreaser

SUPPLIER: **Pristine Chemicals**

701 Rossland Road East, Suite 329

Whitby, ON L1N 9K3

Telephone/Fax: 905-215-0175

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification

Serious eye damage/eye irritation - Category 1

Acute Toxicity (Oral) - Category 4

Skin Corrosion/Irritation – Category 1B

May be corrosive to metals – Category 1

Signal Word: Danger

Hazard Statement

H314 Causes severe skin burns and eye damage.

H302 Harmful if swallowed.

H335 May cause respiratory irritation.

H290 May be corrosive to metals.



Precautionary Statement(s)

P260 Do not breathe spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves and eye protection.

P301+P302+P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338+P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or emergency department.

P303+P361+P363+P333+P313 IF ON SKIN: Wash with plenty of soap and water. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

P501 Dispose of containers in accordance with local/state/federal regulations.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EC No.	Concentration
Water	7732-18-5		80-100
2-butoxyethanol	111-76-2		1-5
Tetrasodium Ethylenediamine tetra acetate	64-02-8		1-5
Sodium metasilicate	6834-92-0		1-5
Nonylphenol ethoxylate	127087-87-0		1-5
Dye	Not available		<1
Fragrance	Not available		<1

SECTION 4 FIRST AID MEASURES

In case of eye contact: Immediately rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or emergency department.

In case of skin contact: Wash with soap and water. Seek medical attention if irritation persists.

In case of inhalation: Remove person to fresh air and keep comfortable for breathing.

In case of ingestion: Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

If in eyes: Causes eye damage

Indication of any immediate medical attention and special treatment needed

None

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Not flammable. Use extinguishing media suitable for surrounding materials.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical

None known.

Special Protective Equipment and Precautions for Fire-fighters

Self-contained breathing apparatus and turn-out gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective equipment as recommended in Section 8.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent large spills from entering waterways.

Methods and Materials for Containment and Cleaning Up

Dilute with water and dispose of down sanitary sewer.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling

Handle in accordance with good industrial hygiene and safety practices.

Conditions for Safe Storage

Protect from freezing and elevated temperatures during use and storage.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls

No specific controls recommended. General ventilation is usually adequate.

Individual Protection Measures

Eyes: Safety Glasses

Skin: Chemical resistant gloves.

Respiratory: Not normally required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Form: Red liquid

Odour: Lime odour.

Odour Threshold: Not available

pH: 13-14

Melting point/Freezing point: Not available

Initial Boiling point and boiling range: Not available.

Flash Point: Not applicable
Evaporation Rate: Not known.
Flammability: Not flammable.
Upper/Lower Flammability or Explosive Limit: Not applicable
Vapour Pressure (mm): Not determined
Vapour Density (air =1): Not determined
Relative Density (water=1): 1.05-1.1 g/mL
Solubility in Water (@20°C): Soluble
Partition Coefficient n-Octanol/Water: Not known
Auto-ignition Temperature: Not applicable
Decomposition Temperature: Not available
Viscosity: Not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity: Not reactive.
Chemical Stability: Product is stable.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: None known.
Incompatible Materials: Highly reactive with reducing agents. Slightly reactive to reactive with oxidizing agents, acids.
Hazardous Decomposition Products: These products are carbon oxides (CO, CO₂),

SECTION 11 TOXICOLOGICAL INFORMATION

Primary Route of Exposure

Eye contact, skin contact, ingestion and inhalation.

Acute Toxicity: No test data. Calculation method.

Skin Corrosion/Irritation: No test data. Causes skin corrosion/irritation based on data for ingredients.

Serious eye damage/irritation: No test data. Causes eye damage/irritation based on data for ingredients.

Respiratory or skin sensitization: No test data.

Germ cell mutagenicity: No test data.

Carcinogenicity: No test data.

Reproductive toxicity: No test data.

STOT-single exposure: No test data.

STOT-repeated exposure: No test data.

Aspiration hazard: No test data.

Component Acute Toxicity Information

Chemical Name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Water	7732-18-5	>90 mL/kg (Rat-oral)	Not Determined	Not Determined
2-butoxyethanol	111-76-2	1380 mg/kg (Rat-oral)	>2000 mg/kg (Dermal-Rat)	Not Determined
Tetrasodium ethylenediamine tetra acetate	64-02-8	>2000 mg/kg (Rat-oral)	Not Determined	Not Determined
Sodium metasilicate	6834-92-0	1280 mg/kg (Rat-oral)	Not Determined	Not Determined
Nonylphenol ethoxylate	127087-87-0	16000 mg/kg (Rat-oral)	4490 mg/kg (Dermal-Rat)	Not Determined
Dye	Not available	Not available	Not Determined	Not Determined
Fragrance	Not available	Not available	Not Determined	Not Determined

SECTION 12 ECOLOGICAL INFORMATION

Toxicity: Data is not available.

Persistence and degradability: Data is not available.

Bioaccumulative potential: Data is not available.

Mobility in soil: Data is not available.

Other adverse effects: Data is not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal of substance: Dispose of in accordance with national, state/provincial and regional regulations.

Container disposal: Dispose of in accordance with national, state/provincial and regional regulations.

SECTION 14 TRANSPORT INFORMATION

T.D.G./D.O.T. Classification: Not regulated as dangerous goods.

IATA/ICAO (Air): Not regulated as dangerous goods.

IMDG (Marine Transport): Not regulated as dangerous goods.

ADR/RID (Land Transport): Not regulated as dangerous goods.

SECTION 15 REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulation (HPR), Hazard Communication Rule (2012), Regulation (EC) No 1907/2006.

SECTION 16 OTHER INFORMATION

Latest Revision Date: July 20, 2019.

Prepared by: Eric McFeetors, B.Sc.

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