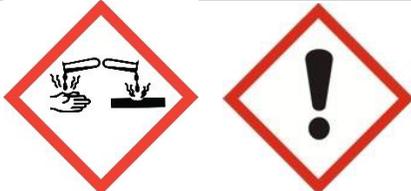


Safety Data Sheet

Section 1. Identification	
Product Identifier	Reclaim
	Version: 5 Effective Date: 25 January 2021
Other Means Of Identification	None
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
Recommended Use and Restrictions On Use	Low foam, truck wash for tunnel wash systems. Do not mix with acids.
Product Family	Blend
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	Corrosive To Metals – Category 1
Health Hazards	Specific Target Organ Toxicity (Single Exposure)- Category 3 Skin Corrosion/Irritation - Category 1B Eye Damage/Irritation - Category 1
Signal Word	Danger
Hazard Statement	May be corrosive to metals. May cause respiratory irritation. May cause drowsiness or dizziness. Causes severe skin burns and serious eye damage.
Precautionary Prevention Statement	Keep only in original packaging. Do not inhale dust or mist. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves, clothing, eye and face protection.
Precautionary Response Statement	Absorb spillage to prevent material damage. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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	<p>IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower if on clothing. Launder contaminated clothing before reuse.</p> <p>Specific Treatment: Do not induce vomiting unless directed by medical personnel.</p> <p>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.</p>
Precautionary Storage Statement	<p>Store in a corrosion resistant container with a resistant inner liner. Store in a well-ventilated place. Keep container tightly closed. Store locked up.</p>
Precautionary Disposal Statement	<p>Dispose of contents / container in accordance with local regulations.</p>
Other Hazards	<p>None</p>

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Sodium metasilicate	Liquid glass	6834-92-0	1 - 10
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Immediately flush skin with running water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Strongly alkaline. Causes burns. May cause permanent damage to eyes.
Immediate Medical Attention and Special Treatment	If in eye or on skin rinse with running water for several minutes. Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.



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Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog), or foam.
Hazardous Combustion Products	Carbon monoxide and oxides of carbon.
Specific Hazards Arising From the Product	May be corrosive to metals with the production of hydrogen gas.
Special Protective Equipment and Precautions For Fire-Fighters	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves (nitrile), glasses, and coveralls. Evacuate unnecessary personnel and mop up spilled product.
Environmental Precautions	Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers.
Methods and Materials For Containment and Clean-Up	Soak or pump up spilled material. Place in a container suitable for disposal. Wash area with water to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care.
Conditions For Safe Storage	Store in a cool dry place. Keep container closed when not in use. Do not freeze.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
Sodium metasilicate	-	-	2mg/m ³	-
*Immediately Dangerous to Life and Health				
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Use with good ventilation. Ensure eye wash station and safety shower are available.			
Individual Protective Measures	Not normally required under normal conditions of use. If exposure limits are exceeded:			



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Eye / Face Protection	Wear chemical safety goggles
Skin Protection	Wear long sleeves and other protective clothing to prevent repeated or prolonged skin contact.
Respiratory Protection	Air purifying respirator fitted with organic vapour cartridges should be worn.

Section 9. Physical and Chemical Properties	
Appearance	Green liquid
Odour	Mild soapy scent
Odour Threshold	No data
pH	12 (as supplied)
Flash Point	>100 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Evaporation Rate	No data
Flammability (solid, gas)	N/A
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	No data
Vapour Density	No data
Relative Density	1.040
Solubility	Completely soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition temperature	No data
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Reacts with acids. Corrosive to metals.
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Do not freeze
Incompatible Materials	Strong acids, strong oxidizing agents. Contact of concentrated material with hot aluminium may leave a white residue.
Hazardous Decomposition Products	Under normal storage condition decomposition will not occur.



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Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metasilicate	1.153g/kg (Rat)	No data	No data
Likely Routes of Exposure			
Skin:	May be corrosive.		
Eyes:	Can cause irritation and damage to eyes.		
Inhalation:	May cause irritation of the upper respiratory tract.		
Ingestion:	May be irritating to mouth and throat. May cause irritation of digestive tract.		
Acute Toxicity Estimates (ATE)	Not classified		
STOT (Specific Target Organ Toxicity) – Single Exposure	Irritating to respiratory system		
Aspiration Toxicity	Not classified		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified		
Skin Corrosion / Irritation	Corrosive		
Serious Eye Damage / Irritation	Corrosive		
Respiratory or Skin Sensitization	Not classified		
Carcinogenicity	No information available.		
Reproductive Toxicity			
- Sexual Function and Fertility	Not classified		
- Development of Offspring	Not classified		
- Effects on or via Lactation	Not classified		
Germ Cell Mutagenicity	Not classified		
Interactive Effects	Not classified		
Other Information	None known		

Section 12. Ecological Information	
Ecotoxicity	May be harmful to aquatic life. Toxicity is primarily associated with pH. Sodium metasilicate: 96 hr LC50: 2320 ppm (Mosquito fish) 48 hr LC50: 113 mg/L (Water flea)
Persistence and Degradability	Will not persist
Bioaccumulative Potential	Not available
Biodegradability	Not available



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Mobility in Soil	Not available
Other Adverse Effects	None known

Section 14. Disposal Considerations

Disposal Considerations	Dispose of contents / container in accordance with local regulations.
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Section 14. Transport Information

UN Number	1760
UN Proper Shipping Name	Corrosive Liquid, N.O.S.
Transport Hazard Class(es)	8
Packaging Group	III
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	154

Section 15. Regulatory Information

Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

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Section 16. Other Information	
NFPA Rating	Health-2/ Flammability-0/Reactivity-1/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-0/Reactivity-1/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	25 February, 2013
Date of Latest Revision:	25 January 2021
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