


Safety Data Sheet

Section 1. Identification		
Product Identifier	Dirt Gone	Version: 5 Effective Date: 10 July, 2017
Other Means Of Identification	Degreaser	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Hot tank and parts washer degreaser. Do not mix with acids.	
Product Family	Blend	
24 Hour Emergency	Canutec (613) 996-6666	

Section 2. Hazard Identification	
Hazard Classification	
Health Hazards	Skin Corrosion/Irritation – Category 1 Eye Damage/Irritation- Category 1
Signal Word	Danger
Hazard Statement	Causes severe skin burns and serious eye damage.
Precautionary Prevention Statement	Do not inhale product dust or mist. Wash hands thoroughly after handling. Wear protective gloves, clothing, eye and face protection.
Precautionary Response Statement	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower if on clothing. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor. Specific Treatment: Do not induce vomiting unless directed by medical personnel. 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.

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Precautionary Storage Statement	Store locked up.
Precautionary Disposal Statement	Dispose of contents / container in accordance with local regulations
Other Hazards	None

Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Sodium metasilicate	Sodium silicate	6834-92-0	15 - 40
Balance of ingredients are considered nonhazardous 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. Rinse mouth with water if conscious. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Causes burns by all exposure routes. Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or oesophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.
Immediate Medical Attention and Special Treatment	Treat symptomatically.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog), or foam.
Hazardous Combustion Products	May evolve caustic fumes if involved in a fire, oxides of sodium and silicon may be produced.



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Specific Hazards Arising From the Product	Keep product and empty container away from heat and sources of ignition.
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 (neoprene), coveralls, footwear suitable for work site. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent).
Environmental Precautions	Do not allow spilled material to enter surface drains and watercourses.
Methods and Materials For Containment and Clean-Up	Carefully sweep up material without causing dust. Place material in a suitable container for disposal. Wash area with copious amounts of water to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care, corrosive material. Avoid making dust.
Conditions For Safe Storage	Store in a cool dry place. Keep container closed when not in use.

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	Ensure that eyewash stations and safety showers are close to the workstation location.			
Individual Protective Measures	If exposure limits are exceeded wear dust mask.			
Eye / Face Protection	Chemical safety goggles.			
Skin Protection	Long sleeves			
Respiratory Protection	A NIOSH approved respirator fitted with HEPA filter.			

Section 9. Physical and Chemical Properties	
Appearance	White powder
Odour	No significant odour
Odour Threshold	Not applicable
pH	12.5 (1% solution)
Flash Point	Not applicable
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Evaporation Rate	Not applicable
Flammability (solid, gas)	No data
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	No data
Solubility	Soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	Not applicable

Section 10. Stability and Reactivity	
Reactivity	Reacts with acids,
Chemical Stability	The product is stable.
Possibility of Hazardous Reactions	It may react with aluminium, producing flammable hydrogen gas. Reacts with acids with the formation of silicate precipitate.
Conditions to Avoid	Air borne moisture.
Incompatible Materials	Avoid contact with strong acids, strong oxidizing agents, aldehydes, alcohols, glycols, organic anhydrides, and metals.
Hazardous Decomposition Products	Under normal storage conditions, decomposition will not occur.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metasilicate	1.153 g/kg (Rat)	No data	No data

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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)	LD50 (rat) 1.153 g/kg (Rat)
STOT (Specific Target Organ Toxicity) – Single Exposure	Respiratory system
Aspiration Toxicity	No data
STOT (Specific Target Organ Toxicity) – Repeated Exposure	None known
Carcinogenicity	No information available.
Reproductive Toxicity	
- Sexual Function and Fertility	No data
- Development of Offspring	No data
- Effects on or via Lactation	No data
Germ Cell Mutagenicity	No data
Interactive Effects	No data
Other Information	Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or oesophagus should be investigated. Ingestion causes severe swelling, severe damage to the delicate tissue and danger of perforation.

Section 12. Ecological Information	
Ecotoxicity	Sodium Metasilicate: 96 h LC50: 2320ppm (Mosquito fish); 48 h LC50: 113 mg/L (Water flea)
Persistence and Degradability	No data
Bioacumulative Potential	Not available
Biodegradability	Not available
Mobility in Soil	Not available
Special Remarks	None

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Other Adverse Effects	None known
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Section 13. Disposal Considerations	
Disposal Considerations	Dispose of in accordance with local, provincial and federal regulations.

Section 14. Transport Information	
UN Number	1759
UN Proper Shipping Name	Corrosive Solids, 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

Section 16. Other Information	
NFPA Rating	Health-2/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	28 June, 2012
Date of Latest Revision:	10 July, 2017

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Disclaimer

Notice to reader

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