


Safety Data Sheet

Section 1. Identification	
Product Identifier	Grease Go
	Version: 7 Effective Date: 15 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	Concrete cleaner and degreaser. 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	 <p>Skin Corrosion /Irritation – Category 1 Eye Damage/Irritation- Category 1</p>
Signal Word	Danger
Hazard Statement	Causes severe skin burns and serious eye damage.
Precautionary Prevention Statement	Do not inhale 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 if you feel unwell. 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 if you feel unwell.

Safety Data Sheet

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	90 - 100
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. 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	Solutions of sodium metasilicate are alkaline. Depending on the concentration, duration, and nature of the exposure, exposure to alkaline solutions may result in irritation to possible burns to any contacted tissue. This material is not a crystalline silica, and it does not cause pulmonary silicosis. Repeated and prolonged skin contact may cause a dermatitis.
Immediate Medical Attention and Special Treatment	Treat as a corrosive substance. Treat symptoms with supportive care. There is no specific antidote. The absence of visible signs or symptoms of burns does NOT reliably exclude the presence of actual tissue damage. It may take 48-72 hours to assess the extent of an ocular burn. Probable mucosal damage may contraindicate the use of gastric lavage.

Safety Data Sheet

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.
Specific Hazards Arising From The Product	Corrosive material. Negligible fire hazard.
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. Avoid contact with spilled material.
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 eye wash station and shower are available.			
Individual Protective Measures	Not normally required under normal conditions of use. If exposure limits are exceeded:			
Eye / Face Protection	Wear chemical safety goggles			

Safety Data Sheet

Skin Protection	Wear long sleeves
Respiratory Protection	Wear NIOSH approved respirator fitted with HEPA filter.

Section 9. Physical and Chemical Properties	
Appearance	Brown powder
Odour	Pine scented
Odour Threshold	Not data
pH	12.7 (1% solution)
Flash Point	> 93 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Evaporation Rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Relative Density	55 lb/sq. ft.
Solubility	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 metals with the production of hydrogen gas.
Chemical Stability	The product is stable.
Possibility of Hazardous Reactions	It may react with aluminium with the production of flammable hydrogen gas. Reacts with acids with the formation of silicate precipitate.
Conditions to Avoid	None known.
Incompatible Materials	Avoid contact with strong acids, strong oxidizing agents, aldehydes, alcohols, glycols, organic anhydrides, and metals.
Hazardous Decomposition Products	Under normal storage condition 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
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)	Harmful if swallowed.		
STOT (Specific Target Organ Toxicity) – Single Exposure	Category 3 - Respiratory tract irritation		
Aspiration Toxicity	Corrosive		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	No data		
Skin Corrosion / Irritation	Category 1B - Causes severe skin burns and eye damage		
Serious Eye Damage / Irritation	Category 1 - Causes serious eye damage		
Respiratory or Skin Sensitization	Repeated and prolonged skin contact may cause a dermatitis.		
Carcinogenicity	Not classified as a carcinogen per GHS criteria. This product is not classified as a carcinogen by NTP, IARC or OSHA.		
Reproductive Toxicity			
- Sexual Function and Fertility	No data		
- Development Of Offspring	No data		
- Effects On or Via Lactation	No data		
Germ Cell Mutagenicity	Not classified as a mutagen per GHS criteria. In assays using Bacillus subtilis strains without metabolic activation, sodium metasilicate (0.005-0.5 M) was not genotoxic.		
Interactive Effects	No data		
Other Information	Not applicable		

Safety Data Sheet

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
Bioaccumulative Potential	Not available
Biodegradability	Not available
Mobility in Soil	Not available
Other Adverse Effects	Toxicity is associated with high pH

Section 13. Disposal Considerations	
Disposal Considerations	Dispose of contents/container in accordance with local regulations.

Section 14. Transport Information	
UN Number	3262
UN Proper Shipping Name	Corrosive Solid, Basic, Inorganic N.O.S. (disodium trioxosilicate, pentahydrate)
Transport Hazard Class(es)	8
Packaging Group	II
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

Safety Data Sheet

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:	03 November, 2011
Date of Latest Revision:	15 January 2021
Disclaimer Notice to reader To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Chemfax Products Ltd. expressly disclaims all expressed or implied warranties of merchantability and fitness for a particular purpose with respect to the product provided.	