


# Safety Data Sheet

Section 1. Identification		
<b>Product Identifier</b>	<b>Dip &amp; Strip</b>	<b>Version: 6</b> <b>Effective Date: 15 January 2021</b>
<b>Other Means Of Identification</b>	None	
<b>Initial Supplier Identifier</b>	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
<b>Recommended Use and Restrictions On Use</b>	Caustic hot tank degreaser. Do not mix with acids.	
<b>Product Family</b>	Blend	
<b>Emergency Phone</b>	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

Section 2. Hazard Identification	
<b>Hazard Classification</b>	 <p>Skin Corrosion / Irritation – Category 1            Eye Damage/ Irritation- Category 1</p>
<b>Signal Word</b>	Danger
<b>Hazard Statement</b>	Causes severe skin burns and serious eye damage.
<b>Precautionary Prevention Statement</b>	Do not inhale product dust or mist. Wash hands thoroughly after handling. Wear protective gloves, clothing, eye and face protection.
<b>Precautionary Response Statement</b>	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. 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. Specific treatment: do not induce vomiting unless directed by medical personnel. Treat symptomatically.

# Safety Data Sheet

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

<b>Section 3. Composition / Information on Ingredients</b>			
<b>Chemical Name</b>	<b>Common Name or Synonyms</b>	<b>CAS NO. and Other Unique Identifiers</b>	<b>% by weight</b>
Sodium metasilicate	Silicic acid, sodium salt	6834-92-0	60 - 90
Sodium hydroxide	Caustic soda	1310-73-2	10 - 30
Balance of ingredients are considered non hazardous and constitute a proprietary blend			

<b>Section 4. First-Aid Measures</b>	
<b>Eye Contact</b>	Flush eyes with water for 15 minutes. Seek medical attention.
<b>Skin Contact</b>	Immediately flush skin with running water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
<b>Ingestion</b>	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.
<b>Most Important Symptoms and Effects Both Acute and Delayed</b>	Irritation, nausea, shortness of breath, headache.
<b>Immediate Medical Attention and Special Treatment</b>	Treat symptomatically.

<b>Section 5. Fire-Fighting Measures</b>	
<b>Suitable and Unsuitable Extinguishing Media</b>	Use dry chemical, CO <sub>2</sub> , water spray (fog), or foam.
<b>Hazardous Combustion Products</b>	Carbon monoxide and dioxide.
<b>Specific Hazards Arising From the Product</b>	Thermal decomposition can lead to release of irritating gases and vapours. Sodium oxide.

## Safety Data Sheet

<b>Special Protective Equipment and Precautions For Fire-Fighters</b>	Fire-fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire. Contact with some metals (magnesium, aluminium and galvanized zinc) can rapidly produce hydrogen. Use water spray to cool containers. Do not get water inside the container. Direct contact with water can cause a violent exothermic reaction.
---	---

<b>Section 6. Accidental Release Measures</b>	
<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Gloves (neoprene), coveralls, footwear suitable for work site. Keep unprotected persons away. Ensure adequate ventilation. Protect from heat.
<b>Environmental Precautions</b>	Do not allow spilled material to enter surface drains and watercourses.
<b>Methods and Materials for Containment and Clean-Up</b>	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.

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

<b>Section 8. Exposure Controls / Personal Protection</b>				
<b>Control Parameters</b>	<b>TWA: 8 Hr</b>	<b>STEL: 15 min</b>	<b>Ceiling</b>	<b>IDLH *</b>
Sodium metasilicate	-	-	2mg/m <sup>3</sup>	-
Sodium hydroxide			2mg/m <sup>3</sup> ACGIH	10mg/m <sup>3</sup>
	*Immediately Dangerous to Life and Health			
<b>Exposure Controls</b>	Local exhaust ventilation			
<b>Appropriate Engineering Controls</b>	Ensure safety shower and eye wash station are available.			
<b>Individual Protective Measures</b>	If exposure limits are exceeded:			
<b>Eye / Face Protection</b>	Chemical safety goggles.			
<b>Skin Protection</b>	Wear long sleeves			
<b>Respiratory Protection</b>	Use a NIOSH approved respirator fitted with HEPA filter.			

## Safety Data Sheet

<b>Section 9. Physical and Chemical Properties</b>	
<b>Appearance</b>	Brown powder
<b>Odour</b>	Pine scented
<b>Odour Threshold</b>	Not available.
<b>pH</b>	13.5 (1% solution)
<b>Flash Point</b>	Not applicable
<b>Boiling Point and Boiling Range</b>	No data
<b>Melting Point and Freezing Point</b>	No data
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid, gas)</b>	Not flammable
<b>Upper and Lower Flammability or Explosive Limits</b>	No data
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density</b>	Not applicable
<b>Relative Density</b>	No data
<b>Solubility</b>	Soluble
<b>Partition co-efficient, n-Octanol/Water</b>	No data
<b>Auto-ignition Temperature</b>	No data
<b>Decomposition Temperature</b>	No data
<b>Viscosity</b>	No data

<b>Section 10. Stability and Reactivity</b>	
<b>Reactivity</b>	Reacts with acids and metals
<b>Chemical Stability</b>	The product is stable
<b>Possibility of Hazardous Reactions</b>	It may react with aluminium, producing flammable hydrogen gas. Reacts with acids with the formation of silicate precipitate.
<b>Conditions to Avoid</b>	Addition of water can cause an increase in temperature.
<b>Incompatible Materials</b>	Tin, aluminium, zinc, leather, wool, acids, organic halogen compounds, organic nitro compounds, magnesium metal, brass, bronze. Carbon monoxide gas may be produced on contact with reducing sugars. Water can cause a violent reaction.
<b>Hazardous Decomposition Products</b>	Under normal storage condition decomposition will not occur.

### Section 11. Toxicological Information



Manufacturer of Specialty Chemicals

## Safety Data Sheet

Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metasilicate	1.153 g/kg (Rat)	No data	No data
Sodium hydroxide	500 mg/kg (Rabbit)	No data	No data
<b>Likely Routes of Exposure</b>			
<b>Skin:</b>	May be corrosive.		
<b>Eyes:</b>	Can cause irritation and damage to eyes.		
<b>Inhalation:</b>	May cause irritation of the upper respiratory tract.		
<b>Ingestion:</b>	May be irritating to mouth and throat. May cause irritation of digestive tract.		
<b>Acute Toxicity Estimates (ATE)</b>	Not classified		
<b>STOT (Specific Target Organ Toxicity) – Single Exposure</b>	Not classified		
<b>Aspiration Toxicity</b>	Not classified		
<b>STOT (Specific Target Organ Toxicity) – Repeated Exposure</b>	Not classified		
<b>Skin Corrosion / Irritation</b>	Corrosive		
<b>Serious Eye Damage / Irritation</b>	Corrosive		
<b>Respiratory or Skin Sensitization</b>	Not classified		
<b>Carcinogenicity</b>	No information available.		
<b>Reproductive Toxicity</b>			
- <b>Sexual Function and Fertility</b>	Not classified		
- <b>Development of Offspring</b>	Not classified		
- <b>Effects on or via Lactation</b>	Not classified		
<b>Germ Cell Mutagenicity</b>	Not classified		
<b>Interactive Effects</b>	None known		
<b>Other Information</b>	None known		

### Section 12. Ecological Information



## Safety Data Sheet

<b>Ecotoxicity</b>	Sodium Metasilicate: 96 h LC50: 2320ppm (Mosquito fish); 48 h LC50: 113 mg/L (Water flea) Sodium hydroxide: LC50: 1149 mg/L (Rainbow trout) LC50: 152 mg/L (Chinook salmon)
<b>Persistence and Degradability</b>	Will not persist
<b>Bioaccumulative Potential</b>	Not available
<b>Biodegradability</b>	Not available
<b>Mobility in Soil</b>	Not available
<b>Special Remarks</b>	Toxic to aquatic life. Toxicity is mainly associated with pH.
<b>Other Adverse Effects</b>	None known

### Section 13. Disposal Considerations

<b>Disposal Considerations</b>	Dispose of in accordance with local, provincial and federal regulations.
--------------------------------	--

### Section 14. Transport Information

<b>UN Number</b>	3262
<b>UN Proper Shipping Name</b>	Corrosive Solids, Basic, Inorganic, N.O.S.
<b>Transport Hazard Class(es)</b>	8
<b>Packaging Group</b>	II
<b>Environmental Hazards</b>	Not applicable
<b>Bulk Transport</b>	Not applicable
<b>Special Precaution</b>	Not applicable
<b>DOT Erg#</b>	154

### Section 15. Regulatory Information

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

### Section 16. Other Information



Manufacturer of Specialty Chemicals

## Safety Data Sheet

<b>NFPA Rating</b>	Health-2/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
<b>HMIS Rating</b>	Health-2/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
<b>Prepared by:</b>	Chemfax Products Ltd., Technical Department
<b>Date Prepared:</b>	23 August, 2011
<b>Revision Date:</b>	15 January 2021
<b>Disclaimer</b> 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.	