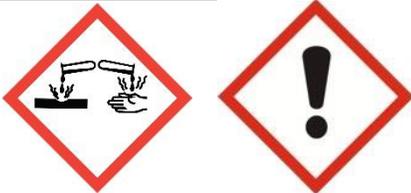


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Section 1. Identification		
Product Identifier	Super Soak	Version: 3 Effective Date: 25 January 2021
Other Means Of Identification	None	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Steam cleaning soap, degreaser, rig wash. 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 in original packaging only. Do not inhale dust or mist. Use only outdoors, or in a well-ventilated area. Wash hands thoroughly after handling. Wear protective gloves, clothing, and eye & face protection.
Precautionary Response Statement	Absorb spillage to prevent material damage. 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.

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	<p>IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately seek medical attention. 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 seek medical attention</p>
Precautionary Storage Statement	Store in a well-ventilated place. Keep container tightly closed. 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	N/A	6834-92-0	1-10
Dipropylene glycol methyl ether	Methoxypropoxypropanol	34590-94-8	1-10
Sodium nitrilotriacetate, monohydrate	NTA	18662-53-8	1-5
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. Seek medical attention if irritation develops and persists.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	If conscious and alert, give two glasses of water. Do not induce vomiting. Lay victim on their side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Eye irritation signs and symptoms may include: burning sensation, redness, swelling, and/or blurred vision. Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing. Inhaling high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of

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	<p>coordination. Continued inhalation may result in unconsciousness and death.</p> <p>Sodium metasilicate can produce caustic burns (i.e. colliquative necrosis) and induce hypocalcaemia by binding calcium.</p>
Immediate Medical Attention and Special Treatment	<p>Causes central nervous system depression. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal. Consult a Poison Control Centre for guidance.</p>

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use extinguishing media suitable for surrounding fire.
Hazardous Combustion Products	Carbon monoxide and dioxide
Specific Hazards Arising From the Product	Corrosive to metals with liberation of flammable 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 (neoprene), coveralls, and footwear suitable for work site. Secure area and evacuate unnecessary personnel. Ensure adequate ventilation. Surface might be slippery.
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. Good housekeeping practices should be in place.
Conditions For Safe Storage	Store in a cool dry place. Keep containers closed when not in use. Do Not Freeze.

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Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
Sodium metasilicate	-	-	2mg/m ³	-
Dirpopylene glycol	100ppm	150ppm		600ppm
Methyl ether	NIOSH	NIOSH		NIOSH
Sodium nitrilotriacetate monohydrate	Not established for this product			
	*Immediately Dangerous to Life and Health			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Ensure adequate ventilation. Safety shower and eye wash station must be available.			
Individual Protective Measures	Not required under normal conditions of use. If exposure limits are exceeded:			
Eye / Face Protection	Safety glasses			
Skin Protection	Wear gloves (neoprene), coveralls, footwear appropriate to worksite			
Respiratory Protection	Air purifying respirator fitted with organic vapour cartridges should be worn.			

Section 9. Physical and Chemical Properties	
Appearance	Green, clear liquid.
Odour	Mild soapy odour
Odour Threshold	Not available.
pH	12
Flash Point	
Boiling Point and Boiling Range	Not determined
Melting Point and Freezing Point	Not determined
Evaporation Rate	Not determined
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	1.076
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 acids and calcium ions
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.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium metasilicate	847 mg/kg (Rat)	No data	No data
Dipropylene glycol methyl ether	5180mg/kg (Rat)	9500mg/kg (Rabbit)	>500 ppm/7h (Rat)
Sodium nitrilotriacetate, monohydrate	Not established for this product		
Likely Routes of Exposure			
Skin:	May cause mild skin irritation, causing redness and cracking with prolonged or repeated contact with undiluted product. Contact with undiluted product may cause mild to moderate irritation of the eyes.		
Eyes:	Inhalation of undiluted product may cause mild irritation of the respiratory tract.		
Inhalation:	Ingestion of undiluted product may cause irritation of the digestive tract. Symptoms may include vomiting, nausea, and diarrhoea.		
Ingestion:			
Acute Toxicity Estimates (ATE)	No data		
STOT (Specific Target Organ Toxicity) – Single Exposure	Respiratory system irritation		
Aspiration Toxicity	Not classified		
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified		
Skin Corrosion / Irritation	Corrosive		
Serious Eye Damage / Irritation	Corrosive		



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Respiratory or Skin Sensitization	Not classified
Carcinogenicity	Sodium nitrilotriacetate, monohydrate is a suspected carcinogen category 2B.
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	None known
Other Information	None known

Section 12. Ecological Information	
Ecotoxicity	Sodium Metasilicate: 96 h LC50: 2320ppm (Mosquito fish); 48 h LC50: 113 mg/L (Water flea) Dipropylene glycol methyl ether: LC50>10,000 mg/L (Pimephales promelas) 96h; LC50: 1919 mg/L (Daphnia magna) 48 h. Sodium nitrilotriacetate, monohydrate : 96 hr LC50: 98 mg/L (rainbow trout) 96 hr LC50: 312 mg/L (bluegill sunfish) 48 hr EC50: 780 mg/L (water flea) 96 hr EC50: 780 mg/L (chlorella vulgaris)
Persistence and Degradability	Will not persist
Bioacumulative Potential	Not available
Biodegradability	Not available
Mobility in Soil	Not available
Other Adverse Effects	None known

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

Section 14. Transport Information	
UN Number	1760
UN Proper Shipping Name	Corrosive Liquid, N.O.S.
Transport Hazard Class(es)	8

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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:	20 June, 2014
Date of Latest Revision:	25 January 2021
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