

CHEMFAST, LLC
11 Jenna Dr, #1, Gorham, Maine 04038
207-774-8144

Safety Data Sheet

DE1000

Section 1. Identification

Product Use: WATER BASE CLEANER AND DEGREASER CONCENTRATE NEW GREEN FORMULA
Date Issue: 10/26/20 **Revised:** 3/19/19

Emergency Telephone Number (U.S.) INFOTRAC 1-800-535-5053
Emergency Telephone Number (International) 1-352-323-3500
Prepared By: Northern Industrial Sales, LLC
E-mail: NISLLC@msn.com

Section 2. Hazard(s) identification

Physical hazards	Not classified	
Health hazards	Acute toxicity, oral	Category 5
	Sensitization, Skin	Category 1
	Serious eye damage/eye irritation	Category 2B
Environmental hazards	Not classified	
OSHA defined hazards	Not classified	
Classification of the: Substance or mixture	Not classified	

GHS Label Elements

Hazard pictograms:



Signal Word:

WARNING

Hazard statements:	May be harmful if swallowed. May cause an allergic skin reaction. Causes eye irritation.
<u>Precautionary statement</u>	
Prevention:	Avoid breathing mist. Wash and face thoroughly after handling. Wear protective gloves, clothing, and eye protection.
Response:	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: wash with plenty of water. IF SKIN irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. IF eye irritation persists: Get medical attention.
Storage:	Not applicable
Disposal:	Dispose of container in accordance with local, state, and federal regulations.
Hazards Not Otherwise Classified	None known
Supplemental information	None

Section 3. Composition/Information on Ingredients

3.2 Mixtures

Hazardous components

1. POTASSIUM HYDROXIDE liquid

Concentration < 2 %

Other names / synonyms CAUSTIC POTASH; LYE; POTASSA; POTASSIUM HYDRATE; potassium hydroxide; Potassium hydroxide (K(OH)); POTASSIUM HYDROXIDE liquid; POTASSIUM HYDROXIDE solution; POTASSIUMHYDROXIDE; UN 1813;
UN 1814
EC no. 215-181-3
CAS no. 1310-58-3
Index no. 019-002-00-8

- Acute toxicity (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1A

H302 Harmful if swallowed
H314 Causes severe skin burns and eye damage

2. SODIUM METASILICATE

Concentration < 2 %

Other names / synonyms DISODIUM METASILICATE; Silicic acid (H₂SiO₃), sodium salt (1:2); Sodium Metasilicate
EC no. 229-912-9
CAS no. 6834-92-0

Safety Data Sheet

Index no.

014-010-00-8

- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H314

Causes severe skin burns and eye damage

H335

May cause respiratory irritation

THE IDENTITY OF OTHER INDIVIDUAL COMPONENTS OF THIS PRODUCT IS PROPRIETARY INFORMATION AND REGARDED AS A TRADE SECRET. THERE ARE NO KNOWN HAZARDOUS SUBSTANCES PER SARA TITLE III OR TSCA EPA INVENTORY LIST.

Section 4. First Aid Measures

- Eye Contact** Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention immediately.
- Skin Contact** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.
- Inhalation** Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- Ingestion** Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

- Flash Point** NONE
- Flammable Limits** N/A
- Flammability** Non-Flammable
- Fire hazard** None
- Fire-Fighting Procedures** Use an extinguishing agent suitable for the surrounding fire.

Section 6. Accidental Release Measures

- Spills** Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
- Disposal Method** Dispose of in accordance with state, federal, or local Regulations.

Section 7. Handling and Storage

- Handling** Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Do not reuse container. Wash thoroughly after handling.
- Storage** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C).

Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

1. POTASSIUM HYDROXIDE (CAS: 1310-58-3)

ACGIH TLV = 2 mg/m³ (ceiling)

OSHA PEL = None

15 Minute STEL = None

NIOSH IDLH = None

2. SODIUM METASILICATE (CAS: 6834-92-0)

Supplier Suggested (United States).

CELL: 2 mg/m³

Personal Protection



Eyes	Safety Goggles.
Body	Recommended: Neoprene gloves. Rubber gloves. Nitrile gloves.
Respiratory	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Boiling Point	212°F
Vapor Pressure (@20OC)	N/A
Vapor Density (Air=1)	>1
Solubility in H²O	Complete
Specific Gravity	1.017
Evaporation Rate (Acetone=1)	<1
pH	10 To 11
Appearance and Color	Yellow Liquid – Citrus Odor

Section 10. Stability and Reactivity

Chemical Stability	Stable
Conditions to Avoid	None
Materials to Avoid	Strong Acids
Hazardous Polymerization	None
Hazardous Decomposition Products	Burning may produce carbon monoxide and/or carbon dioxide.

Section 11. Toxicological Information

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Potassium Hydroxide	LD50 Oral	Rat	273 mg/kg	-
	LD50 Oral	Fresh Water	80 mg/L	24 Hr. Static
		Mosquito Fish		
Sodium Metasilicate	LD50 Oral	Rat	1153 mg/kg	-
	LD50 Oral	Mouse	770 mg/kg	-

Section 12. Ecological Information

Environmental Effects: No known significant effects or critical hazards.
Aquatic Ecotoxicity: Not available.

Section 13. Disposal Considerations

Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Code: D002
Classification: - [Hazardous waste]
Origin: - [RCRA waste.]

Section 14. Transport Information

UN or NA Number None
DOT Shipping Name Cleaning Compound – Non-Regulated Material
Reportable Quantity None
Other Precautions None

Section 15. Regulatory Information

Federal and State Regulations:
SARA 313 toxic chemical notification and release reporting:

Product Name:

Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

State Regulations

California Prop 65 No products were found.

Section 16. Other Information

HMIS ratings Health: 1
Flammability: 0
Physical Hazard: 0

NFPA ratings Health: 1
Flammability: 0
Instability: 0

Safety Data Sheet

Northern Industrial Sales, LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage, and disposal of the product, and to assume liability for loss, injury, damage, or expense due to improper use. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. This information is accurate to the best of Northern Industrial Sales, LLC's knowledge or obtained from sources believed by Northern Industrial Sales, LLC to be accurate. Before using any, read all warnings and directions on the label. For further clarification of any information contained on this SDS consult your supervisor, a health & safety professional, or Northern Industrial Sales, LLC.
