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Safety Data Sheet

ECO-DEGREASER

Section 1. Identification

Product Use: Eco-friendly Water Based Cleaner and Degreaser Concentrate
Date Issue: 06/2016

Emergency Telephone Number (U.S): 1-800-535-5053
Emergency Telephone Number (International): 1-352-323-3500
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Section 2. Hazard(s) Identification

HMIS Hazard Rating
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	SPECIFIC HAZARD	0
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Emergency Overview

- 2.1 Classification of the substance or mixture**
 - Eye Damage/irritation (chapter 3.3), Cat. 2B
 - Skin corrosion/irritation (chapter 3.2), Cat. 3
- 2.2 GHS label elements, including precautionary statements**

Signal Word: Warning
Symbol(s)/Pictogram(s): None Required

Hazard Statement(s)

H303	May be harmful if swallowed
H316	Causes mild skin irritation
H320	Causes eye irritation

Precautionary statement(s)

P102	Keep out of the reach of children
P260	Do not breathe fume/mist/vapors/spray
P301+P330+P331	IF SWALLOWED, Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: get medical advice/attention.
P363	Wash contaminated clothing before reuse.

2.3 Other hazards which do not result in classification

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

3.2 Mixtures

1. SODIUM METASILICATE PENTAHYDRATE

Concentration < 1%

Other names/synonyms: Crystamet; disodium metasilicate; Silicic acid (H₂SiO₃), sodium salt (1:2); Sodium metasilicate pentahydrate; Sodium silicate hydrate

EC no: 229-912-9

CAS no: 6834-92-0

- 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

2. SODIUM HYDROXIDE SOLID OR PELLETS

Concentration < 1%

Other names/synonyms: CAUSTIC SODA; naoh; SODIUM HYDROXIDE, Sodium hydroxide solid or pellets

EC no: 215-185-5

CAS no: 1310-73-2

- 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. THEY 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 if necessary.
- 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

- 6.1 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.
- 6.2 Disposal Method** Dispose of in accordance with state, federal, or local Regulations.

Section 7. Handling and Storage

- 7.1 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.
- 7.2 Storage** Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10), food and drink, and children. Store between the following temperatures: 40°F – 120°F (4.4°C – 49°C). Do not freeze.

Section 8. Exposure Controls/Personal Protection

Product Name

SODIUM HYDROXIDE; caustic soda; soda lye 1310-73-2

Exposure Limits

ACGIH TLV (United States)

CEIL: 2 mg/m³ Form: Dust

ACGIH TLV (United States, 1/2009)

CEIL: 2 mg/m³

OSHA PEL 1989 (United States, 3/1989)

CEIL: 2 mg/m³

NIOSH REL (United States, 6/2009)

CEIL: 2 mg/m³

OSHA PEL (United States, 11/2006)

TWA: 2 mg/m³ 8 hour(s)

SODIUM METASILICATE; silicic acid (H₂-Si-O₃) disodium salt;

Supplier Suggested (United States)

CEIL: 2 mg/m³

8.2 Exposure controls:

HANDLING PROTECTION: Protect hands with work gloves, such as those with PVC, neoprene, nitrile or equivalent.

EYE PROTECTION: Wear protective goggles.

RESPIRATORY PROTECTION: 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: N/A
Vapor Density: >1
Solubility in water: Complete
Specific Gravity: 1.008
Evaporation Rate: <1
PH (1% solution): 10.5 to 11
Appearance & Color: Clear liquid- No 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

Ingredient Name	Result	Species	Dose	Exposure
1. Sodium Hydroxide	LD50 Dermal	Rabbit	500 mg/kg	24 hr -
	LD50 Oral	Rat	240 mg/kg	-
2. Sodium Metasilicate	LD50 Oral	Rat	1153 mg/kg	-
	LD50 Oral	Mouse	770 mg/kg	-

Section 12. Ecological Information

12.1 Environmental Effects: No known significant effects or critical hazards.

12.2 Aquatic Eco-toxicity: Not available.

Section 13. Disposal Considerations

13.1 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.

13.2 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:

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

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication. However, no representation, warranty, or guarantee of any kind, expressed or implied, is made to its accuracy, reliability or completeness. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process. We assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the buyer's responsibility to ensure that activities comply with federal, state, and local laws.