



6012 Windsor Dr.
 Milan, TN 38358
 731-238-3109

Safety Data Sheet

ECO-DEGREASER HEAVY DUTY

Section 1. Identification

Product Use: Eco-friendly Water Based Cleaner and Degreaser Concentrate
Date Issue: 5/4/20 **Revised:** 5/4/20

Emergency Telephone Number (U.S.) INFOTRAC 1-800-535-5053
Emergency Telephone Number (International) 1-352-323-3500
Prepared By: Hargett Materials Inc.
Website: www.hargettmaterials.com

Section 2. Hazard(s) identification

Physical hazards	Not classified	
Health hazards	Serious eye damage/eye irritation Skin corrosion/irritation	Category 2B Category 3
Environmental hazards	Not classified	
OSHA defined hazards	Not classified	
<u>GHS Label Elements</u>		
Hazard pictograms:	None Required	
Signal Word:	WARNING	
Hazard statements:	May be harmful if swallowed. Causes mild skin irritation. Causes eye irritation	

Precautionary statement

Prevention: Wash hands, face and any exposed skin thoroughly after handling.

Response:	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. IF SKIN irritation occurs: Get medical attention. Call a POISON CENTER or doctor if you feel unwell.
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

1. SODIUM METASILICATE PENTAHYDRATE

Concentration	< 1%
Other names/synonyms:	Crystamet; disodium metasilicate; Silicic acid (H ₂ SiO ₃), 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
H355	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
H355	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 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.
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Disposal Method	Dispose of in accordance with state, federal, or local Regulations.
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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	Exposure limits
SODIUM HYDROXIDE; caustic soda; soda lye 1310-73-2	Exposure Limits ACGIH TLV (United States) CEIL: 2 mg/m ³ Form: Dust ACGIH TLV (United States, 1/2009) CEIL: 2 mg/m ³ 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**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 H² O	Complete
Specific Gravity	1.008
Evaporation Rate (Acetone=1)	<1
pH	10.5 To 11
Appearance and 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**Information on toxicological effects****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**Toxicity****Persistence and degradability**

No data available.

Bio accumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data 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

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