

1. Product and Company Identification

Product Code:	1830	
Product Name:	BLUE MAX HIGH FOAMING CLINGING CONDENSER COIL CLEANER	
Trade Name:	BLUE MAX	
Company Name:	SUNBELT LABORATORIES	Phone Number:
	P.O. BOX 1563	(281)261-4747
	STAFFORD, TX 77497	
Web site address:	www.sunbelt-labs.com	
Emergency Contact:	CHEM-TEL	(800)255-3924

2. Hazards Identification

Skin Corrosion/Irritation, Category 1A



GHS Signal Word:	Danger
GHS Hazard Phrases:	Causes severe skin burns and eye damage.
GHS Precaution Phrases:	Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position 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 POISON CENTER or doctor/physician. Specific treatment see ... on this label. Wash contaminated clothing before reuse.
GHS Storage and Disposal Phrases:	Store locked up. Dispose of contents/container to ...
OSHA Regulatory Status:	This material is classified as hazardous under OSHA regulations.
Potential Health Effects (Acute and Chronic):	Prolonged or repeated skin contact may cause dermatitis. Chronic: Effects may be delayed.
Inhalation:	Irritation may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma. Causes chemical burns to the respiratory tract. May cause respiratory tract irritation.
Skin Contact:	Causes skin burns. May cause deep, penetrating ulcers of the skin. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color. May cause skin irritation.
Eye Contact:	Causes eye burns. May cause chemical conjunctivitis and corneal damage. May cause eye irritation.
Ingestion:	May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause perforation of the digestive tract. May cause corrosion and permanent tissue destruction of the esophagus and digestive tract.



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3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
1310-73-2	Sodium hydroxide	5.0 -15.0 %	
527-07-1	Sodium Gluconate	1.0 -5.0 %	
68025-51-4	Phosphate ester	0.1 -2.1 %	

4. First Aid Measures

Emergency and First Aid Procedures: Rinse mouth. Do NOT induce vomiting. Get medical attention immediately. Get medical advice/attention.

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical aid.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

In Case of Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

In Case of Ingestion: Get medical aid immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Signs and Symptoms Of Exposure: Gastrointestinal disturbances.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: N.E. Method Used: Not Applicable

Explosive Limits: LEL: 1.1% UEL: 6.7%

Autoignition Pt: No data.

Suitable Extinguishing Media: Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials. Contact with metals may evolve flammable hydrogen gas. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.

Flammable Properties and Hazards: No data available.

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation. Do not get water on spilled substances or inside containers.



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7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes. Use with adequate ventilation. Avoid contact with skin and eyes.

Precautions To Be Taken in Storing: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Keep away from acids. Store protected from moisture. Containers must be tightly closed to prevent the conversion of NaOH to sodium carbonate by the CO₂ in air. Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-73-2	Sodium hydroxide	PEL: 2 mg/m ³	CEIL: 2 mg/m ³	No data.
527-07-1	Sodium Gluconate	No data.	No data.	No data.
68025-51-4	Phosphate ester	No data.	No data.	No data.

Respiratory Equipment (Specify Type): A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Eye Protection: Wear chemical splash goggles. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: to.

pH: 13.9

Melting Point: NE

Boiling Point: > 212.00 F (100.0 C) - 0.00 F (-17.8 C)

Flash Pt: N.E. Method Used: Not Applicable

Evaporation Rate: NE

Flammability (solid, gas): No data available.

Explosive Limits: LEL: 1.1% UEL: 6.7%

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): NE

Specific Gravity (Water = 1): 1.14 at 77.0 F (25.0 C)

Density: nd

Solubility in Water: Soluble

Percent Volatile: 81.0 % by volume.

Autoignition Pt: No data.

Decomposition Temperature: NA

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Corrosion Rate: NE
Molecular Formula & Weight: C8H8O 120.15

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Moisture, contact with water. Exposure to moist air or water, Incompatible materials, dust generation, Excess heat.
Incompatibility - Materials To Avoid: Water, Metals. acids, Aluminum, Zinc, gelatin, nitromethane, leather, flammable liquids, organic halogens. Strong oxidizing agents.
Hazardous Decomposition or Byproducts: Carbon monoxide, Carbon dioxide, sodium oxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: Epidemiology: No information found.
 Teratogenicity: No information available. Reproductive Effects: Mutagenicity: See actual entry in RTECS for complete information.
 Neurotoxicity:
Carcinogenicity/Other Information: CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 527-07-1: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.
527-07-1	Sodium Gluconate	n.a.	n.a.	n.a.	n.a.
68025-51-4	Phosphate ester	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
 RCRA P-Series: None listed.
 RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Sodium hydroxide solution. Compounds, cleaning liquid.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: NA1760

Packing Group: II





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LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Sodium hydroxide solution.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Sodium hydroxide solution. mixture.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No
527-07-1	Sodium Gluconate	No	No	No
68025-51-4	Phosphate ester	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes No Acute (immediate) Health Hazard
 Yes No Chronic (delayed) Health Hazard
 Yes No Fire Hazard
 Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-73-2	Sodium hydroxide	TSCA: Inventory
527-07-1	Sodium Gluconate	TSCA: Inventory
68025-51-4	Phosphate ester	TSCA: Inventory

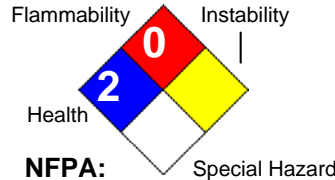
16. Other Information

Revision Date: 06/11/2015

Hazard Rating System:

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL	<input type="checkbox"/>	0
PPE		

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or Disclaimer:

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