

SAFETY DATA SHEET

Concrete Hardener & Sealer

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Printed: 05/27/2021

Revision: 11/04/2020

Supersedes Revision: 10/08/2018

1. Product and Company Identification

Product Code: 08888
Product Name: Concrete Hardener & Sealer
Company Name: Genlabs
5568 Schaefer Ave.
Chino, CA 91710
Phone Number:
1 (254)826-9001
Web site address: www.genlabscorp.com
Email address: sol@genlabscorp.com
Emergency Contact: Chemtrec
1 (800)424-9300
Recommended Use: Sealer
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2A

Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Warning**
GHS Hazard Phrases: H315 - Causes skin irritation.
H319 - Can cause serious eye irritation.
H335 - May cause respiratory irritation.
GHS Precaution Phrases: P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P362+364 - Take off contaminated clothing and wash it before reuse.
P261 - Avoid breathing fumes and spray mist.
P271 - Use only outdoors or in a well-ventilated area.
GHS Response Phrases: P302+352 - If on skin (or in hair): Wash with plenty of soap and water.
P332+313 - If skin irritation occurs, get medical attention immediately.
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 - If eye irritation persists, get medical attention immediately.
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P301+312 - If swallowed: Call a Poison Center or doctor if you feel unwell.
GHS Storage and Disposal Phrases: P403+233 - Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.
P405 - Store locked up.
P501 - Dispose of contents and container according to the local, city, state and federal regulations.

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Inhalation: May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Skin Contact: May be harmful if absorbed through the skin. Causes skin burns.

Eye Contact: Causes eye burns.

Ingestion: Harmful if swallowed. Causes burns.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
1344-09-8	Sodium silicate	Proprietary	
31795-24-1	Potassium methylsilanetriolate	Proprietary	

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathed in, move person into fresh air. If not breathing give artificial respiration.

In Case of Skin Contact: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Continue rinsing eyes during transport to hospital. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: NA Method Used: Estimate

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NA

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Personal precautions.
Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Environmental precautions.
Do not let product enter drains.
Methods for cleaning up:
Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

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7. Handling and Storage

Precautions To Be Taken in Handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. Keep in a dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1344-09-8	Sodium silicate	No data.	No data.	No data.
31795-24-1	Potassium methylsilanetriolate	No data.	No data.	No data.

Respiratory Equipment (Specify Type):	Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls.
Eye Protection:	Safety glasses.
Protective Gloves:	Handle with gloves.
Other Protective Clothing:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Engineering Controls (Ventilation etc.):	No data available.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Light yellow liquid with no odor.
pH:	~ 10.00 - 11.90
Melting Point:	NE
Boiling Point:	>= 210.00 F
Flash Pt:	NA Method Used: Estimate
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N/A UEL: N/A
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Specific Gravity (Water = 1):	~ 1.170
Density:	~ 9.76 LB/GA
Bulk density:	NE
Solubility in Water:	100%
Saturated Vapor Concentration:	NE

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Octanol/Water Partition Coefficient: No data.

VOC / Volume: 0.0000 G/L

Autoignition Pt: NA

Decomposition Temperature: NE

Viscosity: NP

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: No specific conditions to avoid noted.

Incompatibility - Materials To Avoid: Strong acids, chemically active metals.

Hazardous Decomposition or Byproducts: formed under fire conditions. Sodium oxides, silicon oxides.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: Acute toxicity. No data available.

Irritation or Corrosion: No data available.

Sensitization: No data available.

Chronic Toxicological Effects: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1344-09-8	Sodium silicate	n.a.	n.a.	n.a.	n.a.
31795-24-1	Potassium methylsilanetriolate	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

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13. Disposal Considerations

Waste Disposal Method: Product.
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging.
Dispose of as unused product.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

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)
1344-09-8	Sodium silicate	No	No	No
31795-24-1	Potassium methylsilanetriolate	No	No	No

This material meets the EPA ☒ Yes ☐ No Acute (immediate) Health Hazard
'Hazard Categories' defined ☐ Yes ☒ No Chronic (delayed) Health Hazard
for SARA Title III Sections ☐ Yes ☒ No Fire Hazard
311/312 as indicated: ☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1344-09-8	Sodium silicate	CA PROP.65: No; CA TAC, Title 8: No
31795-24-1	Potassium methylsilanetriolate	CA PROP.65: No; CA TAC, Title 8: No

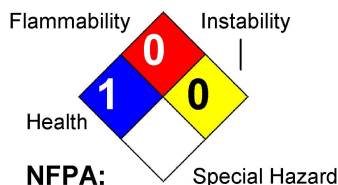
16. Other Information

Revision Date: 11/04/2020

Hazard Rating System:

HEALTH		1
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the

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concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.