



Safety Data Sheet

Cement Floor Sealer

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Cement Floor Sealer
Synonyms: Sodium Silicate Solution
SDS Number: 1
Product Code: 146, 147 (5 gallon), 148 (55 gallon)
Revision Date: 5/6/2019
Version: 1
Chemical Family: Silicates
Product Description: Cement Floor Sealer
Product Use: Sealer

Supplier Details: Rutland Products
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2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H303 - May be harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation

GHS Precautionary Statements:

P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CONTROL CENTER (800-222-1222), doctor or emergency room, if you feel unwell.
P337 + P313 - If eye irritation persists: Get medical advice/attention.
P362 + P364 - Take off contaminated clothing and wash it before reuse.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: Eyes; Ingestion; Skin;
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Ingestion is not an applicable route of entry for intended use. May be harmful if swallowed.

3 COMPOSITION/INFORMATION OF INGREDIENTS

| Chemical Ingredients: | | |
|-----------------------|---|---------------------------|
| CAS# | % | Chemical Name: |
| 1344-09-8 | | silicic acid, sodium salt |

Percentages withheld, Trade Secret

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.
Skin Contact: Wash with plenty of water. Get medical attention if irritation develops or persists.
Eye Contact: Immediately flush eyes with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist. May cause injury due to mechanical action.
Ingestion: If Swallowed, DO NOT INDUCE VOMITING. Give one cup (8 ounces or 240 ml) of water or milk if available and transport to a medical facility. Never give anything by mouth to an unconscious or convulsive person.



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5 FIRE FIGHTING MEASURES

| | |
|---------------------|----------------|
| Flash Point: | None |
| Flash Point Method: | Not Applicable |
| Burning Rate: | Not Applicable |
| Autoignition Temp: | Not Applicable |

Use any standard agent - choose the one most appropriate for type of surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Absorb spilled material and place in appropriate container for disposal.

7 HANDLING AND STORAGE

| | |
|-----------------------|--|
| Handling Precautions: | Avoid contact with eyes and skin. Use in a well-ventilated area. Avoid inhalation of vapors and mists. |
| Storage Requirements: | Keep container closed to prevent drying out. |

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--------------------------------|---|
| Engineering Controls: | A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. |
| Personal Protective Equipment: | EYES AND FACE: Wear safety glasses with side shields. Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent) are recommended. SKIN: Wear protective clothing, including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse. RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment. |

9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------|-----------------|-----------------------|------------------|
| Appearance: | Clear to opaque | Odor: | None |
| Physical State: | Liquid | Molecular Formula: | Not Available |
| Odor Threshold: | Not Available | Solubility: | Soluble in water |
| Particle Size: | Not Applicable | Softening Point: | Not Available |
| Spec Grav./Density: | 1.32 to 1.61 | Percent Volatile: | Not Available |
| Viscosity: | Not Available | Heat Value: | Not Available |
| Saturated Vapor Concentration: | Not Available | Freezing/Melting Pt.: | 30 F |
| Boiling Point: | (214 - 216) F | Flash Point: | Not Available |
| Flammability: | Not Available | Octanol: | Not Available |
| Partition Coefficient: | Not Available | Vapor Density: | Not Available |
| Vapor Pressure: | Not Available | VOC: | Not Available |
| pH: | 11 | Bulk Density: | 11.0 to 13.4 |
| Evap. Rate: | Not Available | Auto-Ignition Temp: | Not Available |
| Molecular weight: | Not Available | UFL/LFL: | Not Available |
| Decomp Temp: | Not Available | | |



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10 STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Reactivity: | This product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical Stability: | Product is stable under normal conditions. |
| Conditions to Avoid: | None Known |
| Materials to Avoid: | Alkali sensitive metals and alloys |
| Hazardous Decomposition: | None Known |
| Hazardous Polymerization: | Will not occur. |

11 TOXICOLOGICAL INFORMATION

No data available.

12 ECOLOGICAL INFORMATION

No information available

13 DISPOSAL CONSIDERATIONS

Dispose of this product in accordance with all applicable local, state and federal regulations.

14 TRANSPORT INFORMATION

Not Regulated

15 REGULATORY INFORMATION

RQ (CAS#) Substance - Reg Codes

Silicic acid, sodium salt (1344-09-8) TSCA

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

PREPARED BY: Brian Miller

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.

Revision Date: 5/6/2019