



## 1. PRODUCT AND COMPANY IDENTIFICATION

Company : W.R. Meadows®, Inc.  
 Address : 300 Industrial Drive, Hampshire, IL 60140  
 Telephone : 847-214-2100  
 Emergency Phone : 800-424-9300 CHEMTREC  
 Revision Date : 09/09/2014  
 Part Number : 3310000  
 Product Use : Concrete Hardener/Curing Aid

## 2. HAZARDS IDENTIFICATION / EXPOSURE LIMITS

HMIS® ratings	Hazard Statements	Precautionary Statements
Health: <b>1</b>	<b>WARNING!</b> Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.	Avoid direct contact. Avoid breathing mists/sprays.
Flammability: <b>0</b>		
Reactivity: <b>0</b>		



Personal Protection:

Hazard Rating: 0 = Least, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, \* = Chronic

## 3. HAZARDS COMPONENTS

Chemical Name	CAS#	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
Sodium Silicate	1344-09-8	5-10	No	<1	N/A

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313". *N/A: Not Applicable*

## 4. EMERGENCY AND FIRST AID PROCEDURES

**Eye Contact:** Immediately flush eyes with water for fifteen (15) minutes. Seek prompt medical attention.

**Skin Contact:** Wash affected areas with mild soap and water. Remove contaminated shoes/clothing. Seek prompt medical attention.

**Inhalation:** Not expected to be an exposure route as supplied. If respiratory symptoms develop, seek medical attention.

**Ingestion:** Dilute with liquid unless the victim is unconscious or very drowsy. Do not induce vomiting. If vomiting spontaneously occurs, prevent lung aspiration. Seek immediate medical attention.

## 5. FIRE AND EXPLOSIVES HAZARDS

**Flashpoint:** Product will not flash due to water content.

**Extinguishing Media:** Water fog, foam, dry chemical.

**Chemical/Combustion Hazards:** None recognized.

**Precautions/Personal Protective Equipment:** Use appropriate personal protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

**Spill or Leak Procedures:** Avoid direct contact. Dike and contain spilled material. Remove source of spill if safe to do so. Apply absorbant and place clean-up material in sealed/marked containers for proper disposal.



## 7. HANDLING AND STORAGE

**Safe Handling Procedures:** Avoid direct contact.

**Safe Storage:** Prevent product from freezing.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	OSHA				ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TLV	TLV/CEILING	TLV/STEL	SKIN
Sodium Silicate	2 mg/m <sup>3</sup>	N/E	N/E	No	2 mg/m <sup>3</sup>	N/E	N/E	N/E

N/E: Not Established

**Engineering Controls:** None required under normal use conditions.

**Personal Protective Equipment:** Safety glasses, chemical resistant gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b> 212°F	<b>Vapor Density:</b> N/A	<b>% Volatile by Volume:</b> N/E
<b>Evaporation Rate:</b> <1 (Ether = 1)	<b>pH Level:</b> 11.70	<b>% Volatile by Weight:</b> 92 (Approximate)
<b>Weight per Gallon:</b> 8.9	<b>Product Appearance:</b> Clear liquid	<b>VOC Content:</b> 0g/L

## 10. STABILITY/REACTIVITY

**Stability:** Stable.

**Conditions and Materials to Avoid:** Strong acids.

**Hazardous Decomposition Products:** None recognized.

**Hazardous Polymerization:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Eye Contact:** Direct contact may cause moderate to severe irritation. This product may cause corneal injury resulting in permanent vision impairment/blindness.

**Skin Contact:** Direct contact may cause moderate skin irritation. Prolonged/repeated contact may result in skin damage.

**Inhalation:** Not anticipated to be an exposure route. Inhalation of mists may cause moderate to severe respiratory tract irritation.

**Ingestion:** Not expected to be an exposure route. May cause severe irritation of the gastrointestinal tract if ingested.

**Signs and Symptoms:** This product will cause moderate to severe irritation if direct contact occurs. Symptoms will vary from mild irritation to severe burning based on product concentration and duration of exposure.

**Aggravated Medical Conditions:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

**Other Health Effects:** None recognized.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Expected to have adverse impact on aquatic life based on product pH.

**Soil Mobility:** N/E

**Other Adverse Effects:** None recognized.

**Degradability:** N/E

**Bioaccumulative Potential:** N/E

## 13. WASTE DISPOSAL INFORMATION

**Waste Disposal Information:** Consult local, state, and federal regulations for disposal information.



## 14. TRANSPORTATION INFORMATION

**Hazardous/Non-Hazardous Material:** Not regulated by DOT.

**UN Number:** None.      **Hazard Class:** N/A      **Packing Group:** N/A

**UN Proper Shipping Name:** N/A

**Environmental Hazards:** None recognized.

**Bulk Transportation Information:** None.

**Special Precautions:** Prevent product from freezing.

## 15. REGULATORY INFORMATION

**Other Regulatory Considerations:** None recognized.

## 16. OTHER INFORMATION

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of the product described herein.