

Safety Data Sheet

Issue Date 20-Feb-2023

Revision/Review Date: 20-Feb-2023

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Bright Solutions Polished Concrete Cleaner & Densifier

Other Means of Identification

Product Code BSL16200039/ BSL16200041

Recommended use of the Chemical and Restrictions on Use

Recommended Use Daily cleaner protector. For industrial and institutional use.

Details of the Supplier of the Safety Data Sheet

Bright Solutions
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number

Company Phone Number Phone: 1-800-467-6294
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Opaque White

Physical State Liquid

Odor Apple

Classification

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 1
Skin Sensitization	Category 1

Signal Word

Danger



Hazard Statements

Causes mild skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.

Precautionary Statements - Prevention

Wash face, hands, and any exposed skin thoroughly after handling. Do not touch eyes.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear eye protection/face protection.
Wear protective gloves.
Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements - Response

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
IF ON SKIN: Wash with plenty of soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical help.
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

Precautionary Statements - Storage

No other means specified.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)

None known.

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium Silicate	1344-09-8	1-5
Alcohols, C9-11, Ethoxylated	68439-46-3	1-5
Potassium Methylsilanetriolate	31795-24-1	1-5
Fragrance Blend	Proprietary	0.1-1.0

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret

4. FIRST-AID MEASURES**First Aid Measures**

General Advice	Treat symptoms.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. Contact lenses should be discarded.
Skin Contact	IF ON SKIN: Remove all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Seek medical attention.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center if symptoms persist.
Ingestion	IF SWALLOWED: Never give anything by mouth to an unconscious person. Rinse mouth. Drink plenty of water. Do not induce vomiting. Seek medical attention if symptoms persist.

Most Important Symptoms and Effects

Symptoms	Causes eye damage.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	May aggravate pre-existing skin disorders. Any lung condition may be aggravated.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable.

Hazardous Combustion Products

Normal products of combustion.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

- Personal Precautions** Use personal protection recommended in Section 8.
- Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information.

Methods and Material for Containment and Cleaning Up

- Methods for Containment** Prevent further leakage or spillage if safe to do so. For large spills, dike far ahead of liquid spill for later disposal.
- Methods for Clean-Up** Contain and collect with an inert absorbent and place into an appropriate container for disposal. Dilute remaining residue with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

- Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Use personal protection recommended in Section 8. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. For Industrial or professional use only.

Conditions for Safe Storage, including any Incompatibilities

- Storage Conditions** Keep container tightly closed and store in a cool, dry, and well-ventilated place. Store locked up. Keep from freezing. Protect from excessive heat. Keep out of the reach of children.
- Incompatible Materials** Acids. Oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
None Listed	-	-	-

Appropriate Engineering Controls

- Engineering Controls** Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective equipment

- Eye/Face Protection** Wear goggles or chemical safety glasses.
- Skin and Body Protection** None needed under normal use conditions. Wear protective gloves if prolonged exposure is expected.
- Respiratory Protection** No respiratory protection is necessary during normal use conditions.
- General Hygiene Considerations** Wash contaminated clothing before reuse. Wash face, hands, and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Apple
Appearance	Opaque	Odor Threshold	Not determined
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.0-12.0	
Melting Point/Freezing Point	~ 0 °C / 32 °F	
Boiling Point/Boiling Range	~ 100 °C / 212 °F	
Flash Point	None	Tag Closed Cup
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.06	
Water Solubility	Miscible	@ 25 °C (77 °F)
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	None known	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Elevated temperatures. Keep from freezing. Keep out of reach of children.

Incompatible Materials

Acids. Oxidizing agents.

Hazardous Decomposition Products

Oxides of Carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact Causes serious eye damage.

Skin Contact Causes mild skin irritation.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not taste or swallow.

Component Information

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Sodium Silicate 1344-09-8	= 1960 mg/kg (Rat)	> 4640 mg/kg (Rabbit)	-
Alcohols, C9-11, Ethoxylated 68439-46-3	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Potassium Methylsilanetriolate 31795-24-1	> 5000 mg/kg (Rat)	> 5000 mg/kg	> 200 mg/L
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Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity Not classifiable as a human carcinogen.

Chronic Toxicity Chronic exposure may cause liver, kidney and/or blood disorders.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Sodium Silicate 1344-09-8	-	3185 mg/L LC50 Brachydanio rerio 96h semi-static mg/L LC50 Lepomis macrochirus 96h	-	216 mg/L EC50
Alcohols, C9-11, Ethoxylated 68439-46-3	10-100 mg/L, 72 hrs	5-10 mg/L, 96 hrs	-	5-10 mg/L, 48 hrs
Potassium Methylsilanetriolate 31795-24-1	-	-	EC50 > 100 mg/L	-

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not Regulated for transport

IATA

IMDG

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL) All ingredients are listed or exempt.
 TSCA (Toxic Substances Control Act) All ingredients are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
None listed	-	-	-

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
 Chronic Health Hazard No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
None listed	-	-	-	-

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	State List
None listed	-

- | | |
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| AZ – Arizona Ambient Air Quality Guidelines
CT – Connecticut Hazardous Air Pollutants
CA – California Director’s List of Hazardous Substances
CAP65 – California Prop 65
FL – Florida Substances List
ID – Idaho Non-Carcinogen Toxic Air Pollutants | IL – Illinois Toxic Air Contaminate- Carcinogenic
MA – Massachusetts Right to Know List
MN – Minnesota Hazardous Substances List
NJ – New Jersey Right to Know List
PA – Pennsylvania Right to Know List
RI – Rhode Island Hazardous Substances List |
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16. OTHER INFORMATION

NFPA

Health Hazards

Flammability

Instability

Special Hazards

Not determined

Not determined

Not determined

Not determined

HMIS

Health Hazards

Flammability

Physical Hazards

Personal Protection

1

0

0

Glasses

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Revision Note Version 1.0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet