

# Safety Data Sheet

Issue Date 31-May-2012

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Version 1.1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Bright Solutions Bath & Bowl Cleaner Descaler

### Other Means of Identification

**Product Code** BSL90210065T/ BSL90210041

### Recommended use of the Chemical and Restrictions on Use

**Recommended Use** Bathroom cleaner. For industrial 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** Yellow

**Physical State** Liquid

**Odor** No Fragrance Added

### Classification

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2 Sub-category A

### Signal Word

Warning



### Hazard Statements

Causes skin irritation  
Causes serious eye irritation.

### Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.  
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

### Precautionary Statements - Storage

No other specific measures identified.

### Precautionary Statements - Disposal

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

### Other Hazards

None known.

### Unknown Acute Toxicity

None known.

Product AT USE DILUTION

**GHS Classification:** Not classified.

**Signal Word:** No signal word.

**Hazardous Statements:** No known significant effects or critical hazards.

**Prevention:** Wash thoroughly after handling.

**Response:** Get medical attention if symptoms appear.

**Disposal:** No other specific measures identified.

**Other Hazards:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Organic Salt	506-89-8	<10
Surfactant Blend	Proprietary	<5

\*\*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.\*\*

#### Product AT USE DILUTION

No hazardous ingredients in reportable quantities are present in the product.

### 4. FIRST-AID MEASURES

#### First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. May be irritating to skin. Get medical attention if irritation persists.
<b>Inhalation</b>	Remove to fresh air. If discomfort persists, get medical attention.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. If any discomfort persists, obtain medical attention.

#### Most Important Symptoms and Effects

<b>Symptoms</b>	Causes burns to the eyes. Prolonged or repeated exposure can remove natural skin oils and may produce irritation.
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#### Indication of Any Immediate Medical Attention and Special Treatment Needed

<b>Notes to Physician</b>	Treat symptomatically. May aggravate pre-existing skin disorders.
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#### Product AT USE DILUTION

**Eye Contact:** May cause eye irritation. Rinse with water for a few minutes.

**Skin Contact:** May cause skin irritation. Rinse with water for a few minutes.

**Inhalation:** No special measures required. Treat symptomatically.

**Ingestion:** Get medical attention if symptoms occur.

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Water. Foam.

#### Unsuitable Extinguishing Media

Not determined.

**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**            Wear protective clothing as described in Section 8 of this safety data sheet.
- 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. See Section 12 for additional Ecological Information.

**Methods and Material for Containment and Cleaning Up**

- Methods for Containment**        Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Methods for Clean-Up**            Contain and collect with an inert absorbent and place into an appropriate container for disposal. Rinse area with clean water and dry before permitting traffic.

**Product AT USE DILUTION**  
**Personal Precautions: Use personal protective equipment as required.**  
**Environmental Precautions: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.**  
**Methods for Clean Up: Use a water rinse for a final clean-up.**

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

- Advice on Safe Handling**        Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. For industrial and commercial use only. Avoid contact with skin, eyes or clothing.

**Conditions for Safe Storage, Including Any Incompatibilities**

- Storage Conditions**            Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children.
- Incompatible Materials**        None known based on information supplied.

**Product AT USE DILUTION**  
**Handling and Storage: Wash thoroughly after handling. Keep out of reach of children.**

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
None known			

**Appropriate Engineering Controls**

- Engineering Controls**            Ensure adequate ventilation, especially in confined areas. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. Eyewash stations.

**Individual Protection Measures, such as Personal Protective Equipment**

- Eye/Face Protection**                      Eye protection should be used when splashing may occur.
- Skin and Body Protection**              Wear protective gloves when handling this product.
- Respiratory Protection**                  Under normal conditions, respirator is not normally required.
- General Hygiene Considerations**      Handle in accordance with good industrial hygiene and safety practice.

**Product AT USE DILUTION**

**Engineering Controls:** Good general room ventilation should be adequate.

**Eye Protection:** Wear glasses or goggles when exposure may occur.

**Skin and Body Protection:** Wear protective gloves when handling this product.

**Respiratory Protection:** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	No Fragrance Added
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow (from FD&C Yellow #5)		

Property	Values	Remarks • Method
pH (concentrate)	0.5-1.0	
pH (16:1 dilution)	1.0-1.5	
Melting Point/Freezing Point	Approximately 32°F	
Boiling Point/Boiling Range	Approximately 212°F	
Flash Point	Not applicable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid-not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.03	
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not determined	

**Product AT USE DILUTION**

**Physical State:** Liquid  
**Color:** Light yellow  
**Odor:** No Fragrance Added  
**pH:** 1.0-1.5

**10. STABILITY AND REACTIVITY**

**Reactivity**  
Not reactive under normal conditions.

**Chemical Stability**

Stable up to 110°C (230°F).

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Keep out of reach of children. Heating above 110°C (230°F) results in exothermic decomposition with rapid release of carbon dioxide. Keep from freezing.

**Incompatible Materials**

Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. Contact with hypochlorite's (chlorine bleach, sulfides, or cyanides) will liberate toxic gases. Contact with alkaline materials will generate heat.

**Hazardous Decomposition Products**

Thermal decomposition may produce oxides of carbon, nitrogen, and chlorine. Hydrogen gas may be released upon contact with certain metals.

**11. TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure****Product Information**

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Do not taste or swallow.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Organic Salt 506-89-8	> 1121 mg/kg (Rat)	-	-
Surfactant Blend Proprietary	> 2000 mg/kg (Rat)	-	-

**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** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.**Numerical Measures of Toxicity**

Not determined

**Product AT USE DILUTION****No specific data available.****12. ECOLOGICAL INFORMATION****Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Organic Salt 506-89-8	-	. 140 mg/L (96hr)	-	> 71.1 mg/L (48hr)
Surfactant Blend Proprietary	-	70.7 mg/L (96hr)	-	-

**Persistence/Degradability**

Not expected to persist.

**Bioaccumulation**

Not expected to bioaccumulate.

**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. (NOI Non-Hazardous)

**IATA**

Not regulated.

**IMDG**

Not regulated.

**Product AT USE DILUTION**

**Not intended for transport.**

**15. REGULATORY INFORMATION**

**International Inventories**

Canada – Domestic Substances List (DSL)  
TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.  
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**

None Listed

**SARA 311/312 Hazard Categories**

Immediate (Acute) Health.

**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)**

None known.

**US State Regulations**

None known

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List:

Chemical Name	State List
None Known	

AZ- Arizona Ambient Air Quality Guidelines

CT- Connecticut Hazardous Air Pollutants

CA- California Director's List of Hazardous Substances

CAP65- California Prop65

FL- Florida Substances List

ID- Idaho Non-Carcinogen Toxic Air Pollutants

IL- Illinois Toxic Air Contaminant- 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

**16. OTHER INFORMATION**

**NEPA**

**Health Hazards**

Not determined

**Flammability**

Not determined

**Instability**

Not determined

**Special Hazards**

Not determined

**HMIS**

**Health Hazards**

3

**Flammability**

0

**Physical Hazards**

0

**Personal Protection**

Not determined

**Product AT USE DILUTION**

**Health Hazard: 1**

**Flammability: 0**

**Physical Hazards: 0**

**Personal Protection: Not determined**

**Issue Date**

31-May-2012

**Revision/Review Date:**

24-Jan-2019

**Revision Note**

Version 1.1

**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**