

# Safety Data Sheet

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Version 1.0

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Bright Solutions Supercharged

### Other Means of Identification

**Product Code** BSL9160041

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

**Recommended Use** Spin bonnet 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

**EMERGENCY OVERVIEW:** Contains non-pathogenic bacterial spores.

**Appearance** Colorless

**Physical State** Liquid

**Odor** Citrus

### Classification

|  |                           |
|--|---------------------------|
| Skin Corrosion/Irritation                        | Category 3                |
| Serious Eye/Damage/Eye Irritation                | Category 2 Sub-category A |
| Skin Sensitization                               | Category 1                |
| Specific Target Organ Toxicity – Single Exposure | Category 2                |

### Signal Word

**Warning**

### Hazard Statements

Causes mild skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause damage to liver, kidney, central nervous system depression, decreased blood pressure, anxiety, and confusion if ingested.



### Precautionary Statements – Prevention

Do not breathe fumes, mists, vapors, or sprays.  
Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink, or smoke when using this product.  
Wear protective gloves and eye protection.  
Contaminated clothing should not be allowed out of the workplace.

### 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. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
IF exposed or if you feel unwell: call a POISON CENTER or doctor/physician.  
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

### Precautionary Statements – Storage

Store locked up.

**Precautionary Statements – Disposal**

Dispose of contents/container in accordance with local, regional, or national regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                     | CAS No      | Weight-% |
|-----------------------------------|-------------|----------|
| Water                             | 7732-18-5   | 60-100   |
| Diethylene Glycol Monobutyl Ether | 112-34-5    | 15-40    |
| Sodium Xylene Sulfonate           | 1300-72-7   | 1-5      |
| Non-Pathogenic Bacterial Spores   | Proprietary | 1-5      |
| Tetrapotassium Pyrophosphate      | 7320-34-5   | 1-5      |
| Terpene Hydrocarbon               | 5989-27-5   | 1-5      |

\*\*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.\*\*

### 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. If eye irritation persists: Get medical advice/attention. |
| <b>Skin Contact</b> | If skin irritation occurs, rinse affected area with water.   |
| <b>Inhalation</b>   | No known hazardous effects. If symptoms occur, remove to fresh air.  |
| <b>Ingestion</b>    | Drink plenty of water. If any discomfort persists, obtain medical attention.   |

**Most Important Symptoms and Effects**

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged or repeated skin contact may cause irritation. |
|-----------------|---|

**Indication of any Immediate Medical Attention and Special Treatment Needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media**

Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**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**

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Use personal protective equipment as required. |
| <b>Environmental Precautions</b> | Avoid release to the environment.              |

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Collect spillage. Collect in a clean, dry waste container for disposal. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Advice on Safe Handling** Avoid contact with eyes. Observe good industrial hygiene practices.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

**Incompatible Materials** None known.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** No exposure limits noted for ingredient(s)

### Appropriate Engineering Controls

**Engineering Controls** Ventilation systems.

### 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** 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>           | Citrus         |
| <b>Appearance</b>     | Clear     | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Colorless |                       |                |

| <u>Property</u>                     | <u>Values</u>      | <u>Remarks • Method</u> |
|-------------------------------------|--------------------|-------------------------|
| <b>pH</b>                           | 6.0-6.5            |                         |
| <b>Melting Point/Freezing Point</b> | ~ 0 °C / ~32 °F    |                         |
| <b>Boiling Point/Boiling Range</b>  | ~ 100 °C / ~212 °F |                         |
| <b>Flash Point</b>                  | Not applicable     | Tag Open Cup            |
| <b>Evaporation Rate</b>             | Not determined     |                         |
| <b>Flammability (Solid, Gas)</b>    | n/a-liquid         |                         |
| <b>Upper Flammability Limits</b>    | Not determined     |                         |
| <b>Lower Flammability Limit</b>     | Not determined     |                         |
| <b>Vapor Pressure</b>               | Not determined     |                         |
| <b>Vapor Density</b>                | Not determined     |                         |
| <b>Specific Gravity</b>             | 1.00               |                         |
| <b>Water Solubility</b>             | Completely soluble | @ 25 °C (77 °F)         |
| <b>Solubility in other solvents</b> | Not determined     |                         |
| <b>Partition Coefficient</b>        | Not determined     |                         |
| <b>Auto-ignition Temperature</b>    | Not determined     |                         |
| <b>Decomposition Temperature</b>    | Not determined     |                         |
| <b>Kinematic Viscosity</b>          | Not determined     |                         |
| <b>Dynamic Viscosity</b>            | Not determined     |                         |
| <b>Explosive Properties</b>         | Not determined     |                         |

**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.

### Conditions to Avoid

Keep out of reach of children. Keep from freezing. Avoid excessive heat. Avoid contact with strong oxidizers.

### Incompatible Materials

Avoid oxidizers, acids, and alkalis.

### Hazardous Decomposition Products

Thermal decomposition may produce oxides of carbon, phosphorus oxides, potassium oxides, and nitrogen oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

### Component Information

| Chemical Name                                 | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|---|----------------------|-------------------------|-----------------|
| Diethylene Glycol Monobutyl Ether<br>112-34-5 | = 3384 mg/kg ( Rat ) | = 2700 mg/kg ( Rabbit ) | -               |
| Sodium xylenesulfonate<br>1300-72-7           | = 7200 mg/kg ( Rat ) | -                       | -               |
| Tetrapotassium Pyrophosphate<br>7320-34-5     | 2980mg/kg (Rat)      | >7940mg/kg (Rabbit)     | -               |
| Terpene Hydrocarbon<br>5989-27-5              | -                    | > 5 g/kg ( Rabbit )     | -               |

**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

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name                                 | Algae/aquatic plants                        | Fish  | Toxicity to microorganisms | Crustacea  |
|---|---|---|----------------------------|--|
| Diethylene Glycol Monobutyl Ether<br>112-34-5 | 100: 96 h Desmodesmus subspicatus mg/L EC50 | 1300: 96 h Lepomis macrochirus mg/L LC50 static   | -                          | 2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50 |
| Tetrapotassium Pyrophosphate<br>7320-34-5     | -   | > 100 mg/L (96hr) Rainbow Trout   | -                          | -  |
| Terpene Hydrocarbon<br>5989-27-5              | -   | 0.619 – 0.796: 96h Pimephales promelas mg/L LC50 flow-through 35: 96h Oncorhynchus mykiss mg/L LC50 | -                          | -  |

**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.

**California Hazardous Waste Status**

| Chemical Name                    | California Hazardous Waste Status |
|----------------------------------|-----------------------------------|
| Terpene Hydrocarbon<br>5989-27-5 | Toxic                             |

## 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Not determined

### US Federal Regulations

#### SARA 311/312 Hazard Categories

**Acute Health Hazard** Yes

#### SARA 313

| Chemical Name                     | CAS No   | Weight-% | SARA 313 - Threshold Values % |
|-----------------------------------|----------|----------|-------------------------------|
| Diethylene Glycol Monobutyl Ether | 112-34-5 | 15-40    | 1.0                           |

### US State Regulations

#### 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 |
|---|------------|
| Diethylene Glycol Monobutyl Ether<br>112-34-5 | NJ & PA    |

AZ- Arizona Ambient Air Quality Guidelines

IL- Illinois Toxic Air Contaminant- Carcinogenic

CT- Connecticut Hazardous Air Pollutants

MA- Massachusetts Right to Know List

CA- California Director's List of Hazardous Substances

MN- Minnesota Hazardous Substances List

CAP65- California Prop65

NJ- New Jersey Right to Know List

FL- Florida Substances List

PA- Pennsylvania Right to Know List

ID- Idaho Non-Carcinogen Toxic Air Pollutants

RI- Rhode Island Hazardous Substances List

## 16. OTHER INFORMATION

### NFPA

#### **Health Hazards**

#### **Flammability**

#### **Instability**

#### **Special Hazards**

### HMIS

#### **Health Hazards**

#### **Flammability**

#### **Physical Hazards**

#### **Personal Protection**

2

0

0

Not determined

**Issue Date**

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20-Jan-2015

**Revision Note**

New format 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 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**

