

# Safety Data Sheet

Issue Date 12-Sep-2011

Revision/Review Date: 14-Apr-2021

Version 1.1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Bright Solutions X-It Mold and Mildew

### Other Means of Identification

**Product Code** BSL3860012

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

**Recommended Use** Mold and mildew cleaner. 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** Straw

**Physical State** Liquid

**Odor** Fresh clean

### Classification

|                                   |                           |
|-----------------------------------|---------------------------|
| Skin corrosion/irritation         | Category 1 Sub-category B |
| Serious eye damage/eye irritation | Category 1                |

### Signal Word

**Danger**



### Hazard Statements

Causes severe skin burns and eye damage.

### Precautionary Statements - Prevention

Do not breathe mists.  
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. Get medical advice / attention.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

### Precautionary Statements - Storage

Store locked up.

### Precautionary Statements - Disposal

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

### Other Hazards

Very toxic to aquatic life with long lasting effects.  
Very toxic to aquatic life.

### Unknown Acute Toxicity

1.16% of the mixture consists of ingredient(s) of unknown toxicity.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name       | CAS No    | Weight-% |
|---------------------|-----------|----------|
| Sodium Hypochlorite | 7681-52-9 | 1-5      |
| Lauramine Oxide     | 1643-20-5 | 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. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. |
| <b>Skin Contact</b> | IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse.   |
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention.   |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Call a physician immediately.  |

#### Most Important Symptoms and Effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Causes serious eye damage. Prolonged or repeated exposure can remove natural skin oils and may produce irritation or damage. Chronic exposure may cause liver, kidney and/or blood disorders. |
|-----------------|---|

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

|                           |   |
|---------------------------|---|
| <b>Notes to Physician</b> | Treat symptomatically. May aggravate pre-existing skin disorders. |
|---------------------------|---|

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

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

#### Unsuitable Extinguishing Media

Not determined.

#### Specific Hazards Arising from the Chemical

None known.

#### 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

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Wear protective clothing as described in Section 8 of this safety data sheet.  |
| <b>Environmental Precautions</b> | 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**

|                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent from spreading or entering drains, ditches, or rivers by using sand, earth, or other appropriate barriers. |
| <b>Methods for Clean-Up</b>    | Contain and collect with an inert absorbent and place into an appropriate container for disposal.                  |

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

|                                |  |
|--------------------------------|--|
| <b>Advice on Safe Handling</b> | 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. Wash face, hands, and any exposed skin thoroughly after handling. Take off all contaminated clothing and wash before reuse. |
|--------------------------------|--|

**Conditions for Safe Storage, including any Incompatibilities**

|                               |   |
|-------------------------------|---|
| <b>Storage Conditions</b>     | Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children. |
| <b>Incompatible Materials</b> | Acids. Oxidizing agents. Ammonia.   |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

|                                   |   |
|-----------------------------------|---|
| <b><u>Exposure Guidelines</u></b> | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies. |
|-----------------------------------|---|

**Appropriate Engineering Controls**

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Engineering Controls</b> | Use in well ventilated areas. |
|-----------------------------|-------------------------------|

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

|                                 |   |
|---------------------------------|---|
| <b>Eye/Face Protection</b>      | Use chemical splash goggles or glasses as necessary to prevent contact.   |
| <b>Skin and Body Protection</b> | Protective chemical impervious gloves of butyl rubber, nitrile rubber or PVC, chemical resistant suit, and boots.   |
| <b>Respiratory Protection</b>   | Under normal conditions, respirator is not normally required. Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection. |

**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>           | Fresh clean odor |
| <b>Appearance</b>     | Clear  | <b>Odor Threshold</b> | Not determined   |
| <b>Color</b>          | Straw  |                       |                  |

| <b><u>Property</u></b>       | <b><u>Values</u></b>  | <b><u>Remarks • Method</u></b> |
|------------------------------|-----------------------|--------------------------------|
| pH                           | 12.5-13.0             |                                |
| Melting Point/Freezing Point | ~ 0 °C / ~32 °F       |                                |
| Boiling Point/Boiling Range  | ~ 100 °C / ~212 °F    |                                |
| Flash Point                  | Not applicable        |                                |
| Evaporation Rate             | Not determined        |                                |
| Flammability (Solid, Gas)    | Liquid-not applicable |                                |
| Upper Flammability Limits    | Not applicable        |                                |

|                                     |                    |               |
|-------------------------------------|--------------------|---------------|
| <b>Lower Flammability Limit</b>     | Not applicable     |               |
| <b>Vapor Pressure</b>               | Not determined     |               |
| <b>Vapor Density</b>                | Not determined     |               |
| <b>Specific Gravity</b>             | 1.08               |               |
| <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     |               |
| <b>Oxidizing Properties</b>         | 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

Keep out of reach of children. Keep from freezing.

### Incompatible Materials

Acids. Oxidizing agents. Ammonia.

### Hazardous Decomposition Products

Normal products of combustion.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure

#### Product Information

|                     |                                  |
|---------------------|----------------------------------|
| <b>Eye Contact</b>  | Causes serious eye damage.       |
| <b>Skin Contact</b> | Causes skin irritation.          |
| <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 |
|----------------------------------|--------------------|------------------------|-----------------|
| Sodium Hypochlorite<br>7681-52-9 | = 8200 mg/kg (Rat) | > 10000 mg/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** Not classifiable as human carcinogens.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
|               |       |      |     |      |

|                                  |  |         |  |
|----------------------------------|--|---------|--|
| Sodium Hypochlorite<br>7681-52-9 |  | Group 3 |  |
|----------------------------------|--|---------|--|

IARC (International Agency for Research on Cancer)  
Group 3 IARC components are "not classifiable as human carcinogens"

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

**Numerical Measures of Toxicity**

Not determined

**Unknown Acute Toxicity** 1.16% of the mixture consists of ingredient(s) of unknown toxicity.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Very toxic to aquatic life with long lasting effects.

**Component Information**

| Chemical Name                    | Algae/aquatic plants                                | Fish   | Toxicity to microorganisms | Crustacea  |
|----------------------------------|---|--|----------------------------|--|
| Sodium Hypochlorite<br>7681-52-9 | 0.095: 24 h<br>Skeletonema<br>costatum mg/L<br>EC50 | 0.06 - 0.11: 96 h Pimephales<br>promelas mg/L LC50 flow-through<br>4.5 - 7.6: 96 h Pimephales<br>promelas mg/L LC50 static<br>0.4 - 0.8: 96 h Lepomis<br>macrochirus mg/L LC50 static<br>0.28 - 1: 96 h Lepomis<br>macrochirus mg/L LC50 flow-through<br>0.05 - 0.771: 96 h Oncorhynchus<br>mykiss mg/L LC50 flow-through<br>0.03 - 0.19: 96 h Oncorhynchus<br>mykiss mg/L LC50 semi-static<br>0.18 - 0.22: 96 h Oncorhynchus<br>mykiss mg/L LC50 static | -                          | 2.1: 96 h Daphnia magna<br>mg/L EC50 0.033 - 0.044: 48 h Daphnia magna<br>mg/L EC50 Static |

**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**

Gallon Containers or Larger: UN1760, Corrosive Liquid, NOS (Containing Sodium Hypochlorite), 8, PG II.

49 CFR §173.154 (Exemption): This product can ship "Limited Quantity" if packaged in containers < 1.0L (0.3 gallons).

**IATA**

**IMDG**

**Marine Pollutant**

This material may meet the definition of a marine pollutant

## 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/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

### US Federal Regulations

#### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                    | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                  |
|----------------------------------|--------------------------|----------------|---|
| Sodium Hypochlorite<br>7681-52-9 | 100 lb                   |                | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |

#### SARA 311/312 Hazard Categories

|                       |     |
|-----------------------|-----|
| Acute Health Hazard   | Yes |
| Chronic Health Hazard | Yes |
| Reactive Hazard       | Yes |

#### 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)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Component                        | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|----------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Sodium Hypochlorite<br>7681-52-9 | 100 lb                      |                        |                           | X                          |

### 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 |
|----------------------------------|------------|
| Sodium Hypochlorite<br>7681-52-9 | MA, NJ, PA |

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 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

Issue Date: 12-Sep-2011  
Revision/Review Date: 14-Apr-2021  
Revision Note: Version 1.1 Updated Section 3

#### 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**