

# SAFETY DATA SHEET

## BCS 251SR

Printed: 04/06/2020  
Revision: 03/31/2020  
Supersedes Revision: 04/10/2015

### 1. Product and Company Identification

**Product Code:** BC251SR/5  
**Product Name:** BCS 251SR  
**Company Name:** BCS Company  
P.O. Box 247 763 Thompson Rd.  
Thompson, CT 06277  
**Phone Number:** 1 (860)923-9575  
**Emergency Contact:** Chemtrec 1 (800)424-9300

### 2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 2A

Skin Corrosion/Irritation, Category 3



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** Causes serious eye irritation.  
Causes mild skin irritation.

**GHS Precaution Phrases:** Keep out of reach of children.  
Read label before use.  
Do not breathe {dust/fume/gas/mist/vapors/spray}.  
Do not get in eyes, on skin, or on clothing.  
Wear rubber gloves, chemical goggles, face shield and rubber apron.  
Wash hands thoroughly after handling.

**GHS Response Phrases:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.  
IF ON SKIN: Remove immediately all contaminated clothing and wash it before reuse. Wash with plenty of water for 15 minutes. If skin irritation occurs: Get medical advice/attention.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes. Get immediate medical advice/attention.

**GHS Storage and Disposal Phrases:** Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300  
Dispose of contents/container in accordance to local, state and federal regulations.  
Store locked up.

**Hazard Rating System:**

|              |   |
|--------------|---|
| HEALTH       | 2 |
| FLAMMABILITY | 0 |
| PHYSICAL     | 0 |
| PPE          | B |

HMIS:

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**Potential Health Effects  
(Acute and Chronic):**

### 3. Composition/Information on Ingredients

| CAS #      | Hazardous Components (Chemical Name) | Concentration |
|------------|--------------------------------------|---------------|
| 497-19-8   | Sodium carbonate                     | < 5.0 %       |
| 10101-88-9 | Trisodium thiophosphate              | 1.0 -10.0 %   |
| 7320-34-5  | Potassium pyrophosphate              | 1.0 -10.0 %   |

### 4. First Aid Measures

|  |   |
|--|---|
| <b>Emergency and First Aid Procedures:</b> | No data available.  |
| <b>In Case of Inhalation:</b>              | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get immediate medical advice/attention.  |
| <b>In Case of Skin Contact:</b>            | Wash any sensitive areas. If skin irritation occurs: Get medical advice/attention.  |
| <b>In Case of Eye Contact:</b>             | Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. |
| <b>In Case of Ingestion:</b>               | Do not induce vomiting. Rinse mouth with fresh, Tepid water, than immediately drink 4-8 oz. or milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head lower than hips to prevent aspiration into the lungs. Get medical advice/attention.   |

### 5. Fire Fighting Measures

|  |  |
|--|--|
| <b>Flash Pt:</b>                         | No data.   |
| <b>Explosive Limits:</b>                 | LEL: No data. UEL: No data.  |
| <b>Autoignition Pt:</b>                  | No data.   |
| <b>Suitable Extinguishing Media:</b>     | Dry chemical, CO2, sand, earth, water spray or regular foam.   |
| <b>Fire Fighting Instructions:</b>       | As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. |
| <b>Flammable Properties and Hazards:</b> | No data available.   |

### 6. Accidental Release Measures

|   |  |
|---|--|
| <b>Protective Precautions, Protective Equipment and Emergency Procedures:</b> | Rubber or neoprene gloves, Safety glasses, Wear chemical protective clothing.  |
| <b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>             | Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable regulations. |

### 7. Handling and Storage

|   |   |
|---|---|
| <b>Precautions To Be Taken in Handling:</b> | For industrial or institutional use only. |
| <b>Precautions To Be Taken in Storing:</b>  | Keep from freezing.                       |

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### 8. Exposure Controls/Personal Protection

| CAS #      | Partial Chemical Name   | OSHA TWA | ACGIH TWA | Other Limits |
|------------|-------------------------|----------|-----------|--------------|
| 497-19-8   | Sodium carbonate        | No data. | No data.  | No data.     |
| 10101-88-9 | Trisodium thiophosphate | No data. | No data.  | No data.     |
| 7320-34-5  | Potassium pyrophosphate | No data. | No data.  | No data.     |

**Respiratory Equipment (Specify Type):** A respirator is not needed under normal and intended conditions of product use.

**Eye Protection:** Safety glasses

**Protective Gloves:** Rubber or neoprene gloves

**Other Protective Clothing:** Wear chemical protective clothing.

**Engineering Controls (Ventilation etc.):** No data available.

### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ ] Solid

**Appearance and Odor:** Appearance: Liquid.  
Odor: No apparent odor.

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** No data.

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** 100

**Percent Volatile:** No data.

### 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.

**Incompatibility - Materials To Avoid:** No data available.

**Hazardous Decomposition Or Byproducts:** No data available.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.



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