

# SAFETY DATA SHEET

## BCS 870

Printed: 04/06/2020  
Revision: 03/31/2020  
Supersedes Revision: 04/16/2015

### 1. Product and Company Identification

**Product Code:** BC870  
**Product Name:** BCS 870  
**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

**Skin Corrosion/Irritation, Category 2**

**Serious Eye Damage/Eye Irritation, Category 2**



#### Warning

Causes skin irritation.  
Causes serious eye irritation.  
Keep out of reach of children.

**GHS Signal Word:**

Read label before use.

**GHS Hazard Phrases:**

Do not get in eyes, on skin, or on clothing.

**GHS Precaution Phrases:**

Wear rubber gloves, chemical goggles, face shield and rubber apron.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

**GHS Response Phrases:**

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 medical advice/attention.

IF ON SKIN: Take off 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.

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.

**GHS Storage and Disposal Phrases:**

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

**Hazard Rating System:**

**HMIS:**

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

### 3. Composition/Information on Ingredients

| CAS #      | Hazardous Components (Chemical Name) | Concentration |
|------------|--------------------------------------|---------------|
| 10213-79-3 | Sodium meta silicate                 | 10.0 -20.0 %  |

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### 4. First Aid Measures

#### Emergency and First Aid Procedures:

- In Case of Skin Contact:** Take off contaminated clothing and wash before re-use. Wash with plenty of water for 15 minutes. If skin irritation occurs, get medical advice/attention.
- In Case of Eye Contact:** 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.
- In Case of Ingestion:** 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

- Flash Pt:** No data.
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Dry chemical, CO<sub>2</sub>, sand, earth, water spray or regular foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
- Flammable Properties and Hazards:** No data available.

### 6. Accidental Release Measures

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

### 7. Handling and Storage

- Precautions To Be Taken in Handling:** For industrial or institutional use only.
- Precautions To Be Taken in Storing:** Keep from freezing.

### 8. Exposure Controls/Personal Protection

| CAS #      | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|-----------------------|----------|-----------|--------------|
| 10213-79-3 | Sodium meta silicate  | No data. | No data.  | No data.     |

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|                                                 |                                                                                 |
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| <b>Respiratory Equipment (Specify Type):</b>    | A respirator is not needed under normal and intended conditions of product use. |
| <b>Eye Protection:</b>                          | Safety glasses                                                                  |
| <b>Protective Gloves:</b>                       | Rubber or neoprene gloves                                                       |
| <b>Other Protective Clothing:</b>               | Wear chemical protective clothing.                                              |
| <b>Engineering Controls (Ventilation etc.):</b> | No data available.                                                              |

## 9. Physical and Chemical Properties

|                                           |                                                     |                                            |                                |
|-------------------------------------------|-----------------------------------------------------|--------------------------------------------|--------------------------------|
| <b>Physical States:</b>                   | <input type="checkbox"/> Gas                        | <input checked="" type="checkbox"/> Liquid | <input type="checkbox"/> Solid |
| <b>Appearance and Odor:</b>               | Appearance: Brown Liquid<br>Odor: No apparent odor. |                                            |                                |
| <b>Melting Point:</b>                     | No data.                                            |                                            |                                |
| <b>Boiling Point:</b>                     | No data.                                            |                                            |                                |
| <b>Autoignition Pt:</b>                   | No data.                                            |                                            |                                |
| <b>Flash Pt:</b>                          | No data.                                            |                                            |                                |
| <b>Explosive Limits:</b>                  | LEL: No data.                                       |                                            | UEL: No data.                  |
| <b>Specific Gravity (Water = 1):</b>      | No data.                                            |                                            |                                |
| <b>Vapor Pressure (vs. Air or mm Hg):</b> | No data.                                            |                                            |                                |
| <b>Vapor Density (vs. Air = 1):</b>       | No data.                                            |                                            |                                |
| <b>Evaporation Rate:</b>                  | No data.                                            |                                            |                                |
| <b>Solubility in Water:</b>               | 100                                                 |                                            |                                |
| <b>Percent Volatile:</b>                  | No data.                                            |                                            |                                |

## 10. Stability and Reactivity

|                                                   |                                                                                                                                                                                      |                                                    |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>Stability:</b>                                 | Unstable <input type="checkbox"/>                                                                                                                                                    | Stable <input checked="" type="checkbox"/>         |
| <b>Conditions To Avoid - Instability:</b>         | 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. |                                                    |
| <b>Incompatibility - Materials To Avoid:</b>      | No data available.                                                                                                                                                                   |                                                    |
| <b>Hazardous Decomposition Or Byproducts:</b>     | No data available.                                                                                                                                                                   |                                                    |
| <b>Possibility of Hazardous Reactions:</b>        | Will occur <input type="checkbox"/>                                                                                                                                                  | Will not occur <input checked="" type="checkbox"/> |
| <b>Conditions To Avoid - Hazardous Reactions:</b> | No data available.                                                                                                                                                                   |                                                    |

