

## 1. Product and Company Identification

**Product Code:** BC68R  
**Product Name:** BCS 68R  
**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  
**Information:** BCS Company 1 (860)923-9575

## 2. Hazards Identification

**Oxidizing Solids, Category 3**

**Acute Toxicity: Oral, Category 4**

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

**Aquatic Toxicity (Acute), Category 1**



**GHS Signal Word:**

**Warning**

**GHS Hazard Phrases:**

May intensify fire; oxidizer.  
Harmful if swallowed.  
Causes serious eye irritation.  
Very toxic to aquatic life.

**GHS Precaution Phrases:**

Keep out of reach of children.  
Read label before use.  
Do not get in eyes, on skin, or on clothing.  
Do not breathe {dust/fume/gas/mist/vapours/spray}.  
Wear rubber gloves, chemical goggles, face shield and rubber apron.  
Wash hands thoroughly after handling.  
Avoid release to the environment.  
Keep away from {heat/sparks/open flames/hot surfaces}. - No smoking.

**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.

Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300.

**GHS Storage and Disposal Phrases:**

Dispose of contents/container in accordance to local, state and federal regulations.  
Store locked up.

**Potential Health Effects (Acute and Chronic):** No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
497-19-8	Sodium carbonate {Carbonic acid, disodium salt; Soda ash}	30.0 -50.0 %
7632-00-0	Sodium nitrite {Nitrous acid, sodium salt}	30.0 -50.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:**

- In Case of Inhalation:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get immediate medical advice/attention.
- In Case of Skin Contact:** Brush off loose excess material. Flush thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse. 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, CO2, 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.
- No data available.

## 6. Accidental Release Measures

**Protective Precautions, Protective Equipment and Emergency Procedures:** Rubber or neoprene gloves, Safety glasses, Wear chemical protective clothing. NIOSH/MSHA approved respirator

**Steps To Be Taken In Case Material Is Released Or Spilled:** Vacuum or sweep up material and place into a suitable disposal container. .

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** For industrial or institutional use only.

**Precautions To Be Taken in Storing:** Store in a cool, dry place. Store in a tightly closed container. Keep away from heat and flame.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
497-19-8	Sodium carbonate {Carbonic acid, disodium salt; Soda ash}	No data.	No data.	No data.
7632-00-0	Sodium nitrite {Nitrous acid, sodium salt}	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** NIOSH/MSHA approved respirator

**Eye Protection:** Safety glasses

**Protective Gloves:** Rubber or neoprene gloves

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

**Engineering Controls (Ventilation etc.):** Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit.

## 9. Physical and Chemical Properties

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

**Appearance and Odor:** Appearance: White powder.  
Odor: No apparent odor.

**Melting Point:** No data.

**Boiling Point:** No data.

**Flash Pt:** No data.

**Evaporation Rate:** No data.

**Flammability (solid, gas):** No data available.

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

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

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

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

**Solubility in Water:** 100

**Percent Volatile:** No data.

**Autoignition Pt:** No data.

## 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ]    Stable [ X ]
<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>	Heat, sparks, flames.
<b>Hazardous Decomposition or Byproducts:</b>	No data available.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ]    Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.

## 11. Toxicological Information

<b>Toxicological Information:</b>	Inhalation, Eye contact, Skin contact
<b>Irritation or Corrosion:</b>	Eyes:        Causes serious eye irritation.  Skin:         Causes skin irritation.  Ingestion:    No known effects.  Inhalation:    May cause nose, throat, and lung irritation
<b>Symptoms related to Toxicological Characteristics:</b>	Eyes:        Redness, pain, irritation. Skin:         Redness, pain, irritation. Ingestion:    No symptoms known or expected. Inhalation:    Respiratory irritation, cough
<b>Carcinogenicity:</b>	NTP? No        IARC Monographs? No        OSHA Regulated? No

## 12. Ecological Information

<b>General Ecological Information:</b>	Very Toxic to aquatic life.
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## 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Dispose of contents/container in accordance to local, state and federal regulations.
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## 14. Transport Information

### LAND TRANSPORT (US DOT):

<b>DOT Proper Shipping Name:</b>	Oxidizing solid, n.o.s.		
<b>DOT Hazard Class:</b>	5.1	OXIDIZER	
<b>UN/NA Number:</b>	UN1479	<b>Packing Group:</b>	II



## 15. Regulatory Information

### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
497-19-8	Sodium carbonate {Carbonic acid, disodium salt; Soda ash}	No	No	No
7632-00-0	Sodium nitrite {Nitrous acid, sodium salt}	No	Yes 100 LB	Yes

**This material meets the EPA**  Yes  No Acute (immediate) Health Hazard  
**'Hazard Categories' defined**  Yes  No Chronic (delayed) Health Hazard  
**for SARA Title III Sections**  Yes  No Fire Hazard  
**311/312 as indicated:**  Yes  No Sudden Release of Pressure Hazard  
 Yes  No Reactive Hazard

## 16. Other Information

**Revision Date:** 04/05/2016

**Additional Information About This Product:** Company's Disclaimer: While BCS believes this statement set forth herein are accurate as of the date hereof, BCS makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation and verification.