

# SAFETY DATA SHEET

## BCS P-57

Printed: 04/13/2020  
Revision: 03/31/2020  
Supersedes Revision: 06/30/2016

### 1. Product and Company Identification

**Product Code:** BCS P-57  
**Product Name:** BCS P-57  
**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

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

**Acute Toxicity: Inhalation, Category 4**

**Acute Toxicity: Oral, Category 4**

**Skin Corrosion/Irritation, Category 2**

**Aquatic Toxicity (Acute), Category 2**



**GHS Signal Word:** Warning

**GHS Hazard Phrases:** Causes eye irritation.  
Harmful if inhaled.  
Harmful if swallowed.  
Causes skin irritation.  
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/vapors/spray}.  
Wear rubber gloves, chemical goggles, face shield and rubber apron.  
Wash hands thoroughly after handling.  
Avoid release to the environment.

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

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

**GHS Storage and Disposal Phrases:**

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

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

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
3728-14-3	Triton DF12	5.0-25.0 %
7632-00-0	Sodium nitrite {Nitrous acid, sodium salt}	<5.0%
7732-18-5	Water	60.0 -80.0 %
497-19-8	Sodium carbonate {Carbonic acid, disodium salt; Soda ash}	< 5.0 %
1300-72-7	Sodium xylenesulfonate {Benzenesulfonicacid, dimethyl-, sodium salt; Xylenesulfonic acid, sodium salt}	< 5.0 %

### 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:** Flush thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash before reuse.
- 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, then 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:** Nonflammable
- 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.

No data available.

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### 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. Store away from incompatible material. Store in cool/well-ventilated place. Store in tightly sealed container

### 8. Exposure Controls/Personal Protection

CAS#	Partial Chemical Name	OSHA TWA	ACGIHTWA	Other Limits
3728-14-3	Triton DF12	PEL: 25 ppm	TLV: 1 ppm STEL: 3 ppm	No data.
7632-00-0	Sodium nitrite {Nitrous acid, sodium salt}	No data.	No data.	No data.
7732-18-5	Water	No data.	No data.	No data.
497-19-8	Sodium carbonate {Carbonic acid, disodium salt; Soda ash}	No data.	No data.	No data.
1300-72-7	Sodium xylenesulfonate {Benzenesulfonicacid, dimethyl-, sodium salt; Xylenesulfonic acid, sodium salt}	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.):** Good general ventilation should be sufficient to control airborne levels.

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### 9. Physical and Chemical Properties

**Physical States:** [ ] Gas [X] Liquid [ ] Solid  
**Appearance and Odor:** Appearance: Liquid  
Odor: No apparent odor.  
**Melting Point:** 00.0 C  
**Boiling Point:** 100.00 C  
**Flash Pt:** Nonflammable  
**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:** 75.0%  
**Autoignition Pt:** 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:** Avoid contact with acidic and ammonia products, amines, and powdered metals.  
**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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### 11. Toxicological Information

**Toxicological Information:** Inhalation, Eye contact, Skin contact

**Irritation or Corrosion:** Eyes: Causes serious eye irritation.  
Skin: May cause skin irritation.

Ingestion: No known effects.

Inhalation: May cause nose, throat, and lung irritation

**Symptoms related to** Eyes: Redness, pain, irritation.

**Toxicological Characteristics:** Ingestion: No symptoms known or expected.  
Inhalation: Respiratory irritation, cough

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

### 12. Ecological Information

**General Ecological Information:** Harmful to aquatic life.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance to local, state and federal regulations.

### 14. Transport Information

**LAND TRANSPQRT (US DOT):**

**DOT Proper Shipping Name:** Compound Cleaner, Not Regulated.

**DOT Hazard Class:**

**UN/NA Number:**

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not Regulated

### 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)
3728-14-3	Triton DF12	No	No	No
7632-00-0	Sodium nitrite {Nitrous acid, sodium salt}	No	Yes 100 LB	Yes
7732-18-5	Water	No	No	No
497-19-8	Sodium carbonate {Carbonic acid, disodium salt; Soda ash}	No	No	No
1300-72-7	Sodium xylenesulfonate {Benzenesulfonicacid, dimethyl-, sodium salt; Xylenesulfonic acid, sodium salt}	No	No	No

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Acute (immediate) Health Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Chronic (delayed) Health Hazard
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Fire Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sudden Release of Pressure Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reactive Hazard

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### 16. Other Information

**Revision Date:** 03/31/2020

**Hazard Rating System:**

<b>HEALTH</b>	1
<b>FLAMMABILITY</b>	0
<b>PHYSICAL</b>	0
<b>PPE</b>	<b>B</b>

**HMIS:**

**Additional Information About This Product:** Company's Disclaimer: While BCS Co., Inc believes this statement set forth herein is accurate as of the date hereof, BCS Co., Inc. 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.