

1. Product and Company Identification

Product Code:	BCSX75	
Product Name:	BCS X75	
Company Name:	BCS Company	Phone Number:
	P.O. Box 247 763 Thompson Rd.	1 (860)923-9575
	Thompson, CT 06277	
Emergency Contact:	Chemtrec	1 (800)424-9300
Information:	BCS Company	1 (860)923-9575

2. Hazards Identification

Skin Corrosion/Irritation, Category 1A
Serious Eye Damage/Eye Irritation, Category 1
Acute Toxicity: Oral, Category 4
Aquatic Toxicity (Acute), Category 3
Corrosive To Metals, Category 1



GHS Signal Word:	Danger
GHS Hazard Phrases:	May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. Harmful 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, and rubber apron. Take precautions to avoid mixing with acid products and ammoniated products.
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:	Store locked up. Dispose of contents/container in accordance to local, state and federal regulations.

**Potential Health Effects
(Acute and Chronic):****3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	10.0 -20.0 %

4. First Aid Measures**Emergency and First Aid
Procedures:**

In Case of Inhalation:	Immediately move victim to fresh air. 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. 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. Get immediate 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:****Explosive Limits:** LEL: UEL:**Autoignition Pt:
Suitable Extinguishing
Media:** Use extinguishing media appropriate to surrounding fire conditions.**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:****6. Accidental Release Measures****Protective Equipment and
Emergency Procedures:** Rubber or neoprene gloves, Safety glasses. NIOSH/MSHA approved respirator. Wear chemical protective clothing. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or ventilate the area with fresh air.**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:** Store in cool, dry area. Store in a tightly closed container. Store away from incompatible material.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-73-2	Sodium hydroxide {Caustic soda; Lye solution}	PEL: 2 mg/m3	CEIL: 2 mg/m3	

Respiratory Equipment (Specify Type):	A respirator is not needed under normal and intended conditions of product use.
Eye Protection:	Safety glasses.
Protective Gloves:	Rubber gloves.
Other Protective Clothing:	Wear chemical protective clothing. Chemical resistant apron.
Engineering Controls (Ventilation etc.):	Handle in accordance with good industrial hygiene and safety practice. In a well ventilated area. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Appearance: Clear Liquid. Odor: No apparent odor.
pH:	> 11
Melting Point:	
Boiling Point:	
Flash Pt:	
Evaporation Rate:	
Flammability (solid, gas):	
Explosive Limits:	LEL: UEL:
Vapor Pressure (vs. Air or mm Hg):	
Vapor Density (vs. Air = 1):	
Specific Gravity (Water = 1):	1.224
Solubility in Water:	100
Percent Volatile:	
Autoignition Pt:	

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.
Incompatibility - Materials To Avoid:	Avoid contact with acidic and ammonia products.
Hazardous Decomposition or Byproducts:	
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	

8. Exposure Controls/Personal Protection

Toxicological Information:	Inhalation, Eye contact, Skin contact		
Irritation or Corrosion:	Eyes:	Causes serious eye damage.	
	Skin:	Causes severe skin burns.	
	Ingestion:	Causes digestive tract burns.	
	Inhalation:	May cause nose, throat, and lung irritation	
Symptoms related to Toxicological Characteristics:	Eyes:	Redness, Pain, Corrosion.	
	Skin:	Redness, Pain, Corrosion.	
	Ingestion:	Corrosion, Abdominal pain	
	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 TRANSPORT (US DOT):

DOT Proper Shipping Name: Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN3262

Packing Group:

II



15. Regulatory Information

16. Other Information

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.