

SAFETY DATA SHEET

BCS 242 U

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

1. Product and Company Identification

Product Code: BC242U/5
Product Name: BCS 242 U
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

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2
Aquatic Toxicity (Acute), Category 2



GHS Signal Word: **Warning**

GHS Hazard Phrases: 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.

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.

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Hazard Rating System:

HEALTH		2
FLAMMABILITY		0
PHYSICAL		0
PPE		B

HMIS:

Potential Health Effects
(Acute and Chronic):

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
121-44-8	Triethylamine	1.0 -10.0 %
7632-00-0	Sodium nitrite	< 5.0 %
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	1.0 %

4. First Aid Measures

Emergency and First Aid Procedures:

No data available.

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. 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.

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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.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
121-44-8	Triethylamine	PEL: 25 ppm	TLV: 1 ppm STEL: 3 ppm	No data.
7632-00-0	Sodium nitrite	No data.	No data.	No data.
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium 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.): No data available.

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: Blue 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

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Percent Volatile: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable []

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 []

Conditions To Avoid - Hazardous Reactions: No data available.

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 Toxicological Characteristics:

Eyes: Redness, pain, irritation.

Skin: Redness, pain, irritation.

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 TRANSPORT (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

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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)
121-44-8	Triethylamine	No	Yes 5000 LB	Yes
7632-00-0	Sodium nitrite	No	Yes 100 LB	Yes
6834-92-0	Silicic acid (H ₂ SiO ₃), Disodium salt	No	No	No

16. Other Information

Revision Date: 03/31/2020

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 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.