

SAFETY DATA SHEET

BCS 1002

Printed: 04/06/2020
Revision: 03/31/2020
Supersedes Revision: 04/07/2015

1. Product and Company Identification

Product Code: BC1002
Product Name: BCS 1002
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 1B

Serious Eye Damage/Eye Irritation, Category 1

Acute Toxicity: Oral, Category 4

Corrosive To Metals, Category 1



Danger

Causes severe skin burns and eye damage.

Harmful if swallowed.

May be corrosive to metals.

Keep out of reach of children.

GHS Signal Word:

GHS Hazard Phrases:

Read label before use.

Do not breathe {dust/fume/gas/mist/vapors/spray}.

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

GHS Precaution Phrases:

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

Wash hands thoroughly after handling.

Take any precaution to avoid mixing with chlorinated products.

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.

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.

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

9300 Store locked up.

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

GHS Storage and Disposal Phrases:

Hazard Rating System:

HMIS:

HEALTH	3
FLAMMABILITY	0
PHYSICAL	1
PPE	E
	B

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7664-38-2	Phosphoric acid	30.0 -40.0 %

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4. First Aid Measures

Emergency and First Aid Procedures:	No data available.
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. 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.

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 substances

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7664-38-2	Phosphoric acid	PEL: 1 mg/m3	TLV: 1 mg/m3 STEL: 3 mg/m3	No data.

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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: Clear Colorless 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

Percent Volatile: 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 alkalis and chlorine products. Avoid contact with materials such as aluminum, tin, zinc, and alloys containing these materials

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, ingestion.

Irritation or Corrosion: Eyes: Causes serious eye damage.
Skin: Causes severe skin irritation.
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: May be 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 liquids, n.o.s. ()
DOT Hazard Class: 8 CORROSIVE
UN/NA Number: UN1760 **Packing Group:** III



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)
7664-38-2	Phosphoric acid	No	Yes 5000 LB	No

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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 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.