

1. Product and Company Identification

Product Code: BCS 299
Product Name: BCS 299
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 2A



GHS Signal Word: **Warning**
GHS Hazard Phrases: H319: Causes serious eye irritation.
GHS Precautionary Phrases: P264: Wash {hands} thoroughly after handling.
P280: Wear {protective gloves/protective clothing/eye protection/face protection}.
GHS Response Phrases: P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.
P337+313: If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal Phrases:

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
77-92-9	Citric acid	1.0 -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, 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: 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:

Hazardous Combustion

Products:

6. Accidental Release Measures

Protective Precautions, Rubber or neoprene gloves, Safety glasses, Wear chemical protective clothing.
Protective Equipment and

Emergency Procedures:

Steps To Be Taken In Case Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with
Material Is Released Or applicable regulations.
Spilled:

7. Handling and Storage

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

Precautions To Be Taken in Keep from freezing.
Storing:

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
77-92-9	Citric acid	PEL: 1 mg/m ³	TLV: 1 mg/m ³ STEL: 2 mg/m ³	

Respiratory Equipment A respirator is not needed under normal and intended conditions of product use.
(Specify Type):

Eye Protection: Safety glasses

Protective Gloves: Rubber or neoprene gloves

Other Protective Clothing: Wear chemical protective clothing.

Engineering Controls
(Ventilation etc.):

9. Physical and Chemical Properties

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

Appearance and Odor: Appearance: Red Liquid
Odor: No appearent odor.

pH: 4.5 - 4.8

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):

Solubility in Water: 100

Octanol/Water Partition

Coefficient:

Autoignition Pt:

Decomposition Temperature:

Viscosity:

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 alumimum, tin, zinc, and alloys containing these materials

Hazardous Decomposition or Byproducts:

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Inhalation, Eye contact, Skin contact

Irritation or Corrosion: Eyes: Causes serious eye irritation.

Skin: Causes 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: This product has no known ecotoxicological effects.

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

UN Number: **Packing Group:**

Hazard Class:

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)
77-92-9	Citric acid	No	No	No

16. Other Information

Revision Date: 11/04/2021

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.