

Section 1: IDENTIFICATION

Product Name: Briotech Sanitizer Disinfectant **EPA Reg. No. 93108-1**
Additional Names: Briotech Sanitizer + Disinfectant Kills 99.99% of Viruses and Bacteria, Briotech HOCl, Briotech Hypochlorous Acid

Manufacturer's Part Number: SD-4oz SD-8oz SD-32oz SD-1G SD-55G

Recommended Use: Surface sanitizer, disinfectant, and deodorizer.

Restrictions on Use: External use only.

Company: Briotech
1102 Shuksan Way
Everett, WA 98203 USA

Telephone: 425.488.4300 (Mon – Fri, 8am – 5pm PST)

Fax: 425.398.9992

Email: info@brioglobal.com

Emergency Phone: 24 Hour Medical Emergency Phone: 833.465.3716

Section 2: HAZARDS IDENTIFICATION

Classification

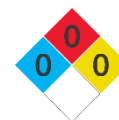
This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

OSHA HCS 2012

Label Elements

Signal Word: Not applicable

Hazard Symbol(s)/Pictogram(s): See Section 16



Hazard Statements: The product contains no substance which at their given concentration, are considered to be hazardous to health.

Precautionary Statements, Prevention: Read label before use. Keep away from heat.

Precautionary Statements, Response: Not applicable.

Precautionary Statements, Storage: Keep only in the original container. Protect from sunlight.

Precautionary Statements, Disposal: None.

Hazards Not Otherwise Classified: Not applicable.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: The product contains no substances which, at their given concentration, are considered to be hazardous to health.

<u>Ingredient</u>	<u>CAS Number</u>	<u>EINECS Number</u>	<u>Percent Range</u>
Water	7732-18-5	231-791-2	99.984-99.9802%
Hypochlorous Acid	7790-92-3	232-232-5	0.016-0.019%

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Section 4: FIRST-AID MEASURES

General: This product is not known to cause respiratory problems, irritation to the eyes or skin, nor discomfort if ingested while in normal user per label.

Eye Contact: If irritation develops, flush with plenty of water and obtain additional medical attention if additional symptoms occur.

Skin Contact: If irritation develops, wash skin with plenty of water. Obtain medical attention if additional symptoms occur.

Inhalation: If discomfort develops, move to fresh air. Obtain medical attention if additional symptoms occur.

Ingestion: Drink plenty of water. Seek medical advice if irritation develops.

Most Important Symptoms/Effects, Acute and Delayed: For symptoms and effects see Section 11.

Indication of Immediate Medical Attention and Special Treatment Needed: *Notes to Physician:* Treat symptomatically.

Section 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstance and the surrounding environment.

Specific Hazards Arising from Chemical: None known.

Hazardous Combustion Products: Non-combustible. This material will not burn.

Special Protective Actions for Fire-Fighters: No special protective equipment required.

This product is non-flammable. See Section 9 for Physical Properties.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: No special protective equipment required.

Environmental Precautions: None.

Methods and Materials for Containment and Clean Up: Stop leak and move containers from spill area. Dilute with water and mop up. Alternatively, absorb with an inert dry material and place in an appropriate waste disposal container. *See section 13 for more information.*

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Handle in accordance with good industrial hygiene and safety practice.

Conditions for Safe Storage including Incompatibilities: Keep containers tightly closed in a dry, cool place. Store in original container, at room temperature, away from direct sunlight and heat. Do not allow to freeze. Incompatible with reducing agents.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials.

Appropriate Engineering Controls: None under normal use conditions.

Individual Protection Measures / Personal Protective Equipment (PPE)

Eye/Face Protection: No special protective equipment required.

Respiratory Protection: No special protective equipment required.

Skin/Body Protection: No special protective equipment required.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Colorless	Partition Coefficient:	Not determined
Physical State:	Liquid	Autoignition Temperature:	Not determined
Odor:	Mild chlorine odor	Decomposition Temperature:	Not determined
pH:	3.25-5.4	Viscosity:	1.004 mm ² /s kinematic, 1.002 cP dynamic
Melting/Freezing Point:	Approximately -0.1°C	Specific Gravity:	1.0
Boiling Point/ Range:	Approximately 101°C	VOCs:	None
Flash Point:	Not determined	Flammability (solid, gas):	Non-flammable
Evaporation Rate:	Not determined	VOC Composite Partial Pressure:	Not determined
Upper Flammability Limits:	Not determined	Relative Density:	Not determined
Lower Flammability Limits:	Not determined	Solubility:	Water (complete)
Vapor Pressure:	Not determined		
Vapor Density:	Not determined		

Section 10: STABILITY AND REACTIVITY

Reactivity:	Product is stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability:	Material is stable under normal and recommended storage conditions. Use within expiration.
Possibility of Hazardous Reactions:	No dangerous reaction known under normal conditions of storage and use.
Conditions to Avoid:	Avoid excessive heat, direct sunlight, and freezing temperatures.
Incompatible Materials:	Ammonia, ammonium salts, reducing agents, reactive metals, aziridines, methanol, formic acid.
Hazardous Decomposition Products:	Avoid adding acid or heating solution as it may liberate chlorine gas.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Inhalation -	No known hazards in normal use.
	Skin Contact -	No known hazards in normal use.
	Eye Contact -	No known hazards in normal use.
	Ingestion -	No known hazards in normal use.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics: No symptoms expected under typical use conditions. See Section 4 for Symptoms.

Delayed and Immediate Effects and/or Chronic Effects from Short-and-Long Term Exposure: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, or NTP.

Numerical Measures of Toxicity: Not available.

Acute Toxicity:	Oral Exposure:	No observed effects.
	Dermal Exposure:	No observed effects.
	Inhalation Exposure:	No observed effects.

Sensitization:	This product is not known to cause sensitization.
Mutagenic Effects:	No data available.
Carcinogenicity:	Contains no ingredient listed as a carcinogen.
Reproductive Toxicity:	No data available.
STOT-Single Exposure:	No data available.
STOT-Repeated Exposure:	No data available.
Target Organ Effects:	None known.
Aspiration Hazard:	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	This product is not classified as hazardous to the environment.
Aquatic:	Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.

Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: The material, as supplied is not a hazardous waste according to Federal regulations (40 CFR 261). The material could become hazardous waste if it is mixed with or otherwise comes in contact with hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Empty Containers: May be offered for recycling.

Section 14: TRANSPORT INFORMATION

U.N. Number:	Not applicable	U.N. Proper Shipping Name:	Not applicable
Transport Hazard Class(es):	Not applicable, safe to air ship	Special Precautions:	Not applicable
Packing Group:	Not applicable		
Environmental Hazards:	Not applicable		
U.S. (DOT) / Canadian TDG:	Not regulated for shipping	ICAO/ IATA:	Not classified as hazardous
IMO / IMDG:	Not classified as hazardous	ADR/RID:	Not classified as hazardous

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory.

SARA Title III: Sections 311/312 Hazard Categories

Acute Health: No Chronic Health: No Fire Hazard: No Sudden Release of Pressure Hazard: No Reactive Hazard: No

Sections 313 Superfunds Amendments and Reauthorizations Act of 1986

This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Clean Air Act (CAA): Not applicable

Clean Water Act (CWA): This product does not contain any substances regulated as pollutants pursuant to the CWA.

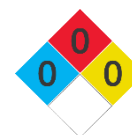
California Proposition 65: This product does not contain any Proposition 65 chemicals.

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Section 16: OTHER INFORMATION

NFPA:

Health – None Stability – Stable Flammability – Non-flammable Special - None



Acronyms

NTP	National Toxicology Program	IARC	International Agency for Research on Cancer
OSHA	Occupational Safety and Health Administration	DSL	Domestic Substances List
TSCA	Toxic Substances Control Act		

Issue Date: March 27th, 2020

Prepared / Revised By: BT Manufacturing, LLC.

Revision Date: March 10th, 2025

This SDS has been revised in the following sections: Section 16.

Version: 008

DISCLAIMER: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials nor in any process, unless specified in the test.

END OF SAFETY DATA SHEET