SAFETY DATA SHEET

BLISS POOL STABILIZER AND CONDITIONER

Version 1.0 Revision Date: 07/21/2025 Print Date: 07/21/2025

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name : Bliss Pool Stabilizer and Conditioner

Recommended use of chemical and restrictions on use

Recommended Use : Raises cyanuric acid levels in swimming pool water.

Restrictions : Do not mix with other chemicals

Details of the supplier of the safety data sheet

Supplier : Bliss Water Care, LLC
1309 Coffeen Avenue
Sheridan, WY, 82801

Telephone : (844) 404-0909

Email : sds@blisswatercare.com

Emergency telephone number:

Emergency phone : CHEMTREC: 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

This substance or mixture is not considered hazardous by the OSHA Hazard Communication

Standard (29 CFR 1910.1200). No components need to be disclosed according to the applicable regulations.

GHS label elements
None required. The product contains no substances which at their given concentration, are considered to be hazardous to health.

Hazards not otherwise classified (HNOC)
Not applicable.

Other Information
Handle in accordance with good industrial hygiene and safety practices.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture : Mixture

Components

Chemical name / Synonyms	CAS number	%
2,4,6-Trihydroxy-1,3,5-triazine / Cyanuric acid	108-80-5	98-100

SECTION 4. FIRST AID MEASURES

Description of first aid measures

General advice : Call a poison control center or doctor for treatment advice. For 24 hour emergency medical assistance, call Chemtrec at 1-800-424-9300. Keep product label or container nearby when seeking help.

If inhaled : Move person to fresh air. If not breathing, call 911 and give artificial respiration.

Skin contact : Remove contaminated clothing. Rinse skin with water for 15-20 minutes. Call a poison control center or doctor if irritation persists.

Eye contact	:	Hold eye(s) open and rinse gently with water for 15-20 minutes. If present, remove contact lenses after 5 minutes, then continue rinsing. Call a poison control center or doctor if irritation persists.
If swallowed	:	Call a poison control center or doctor immediately for advice. If able, have person sip a glass of water. Do not induce vomiting unless told to. Do not give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	None reasonably foreseeable.
Indication of any immediate medical attention and special treatment needed (note to physicians)	:	Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, dry chemical, carbon dioxide (CO_2), or foam. Choose extinguishing media appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	For this substance/mixture no limitations of extinguishing agents are given.
Specific hazards during firefighting	:	Development of toxic gases may occur from thermal decomposition or combustion of hazardous combustion products in the event of a fire. Hazardous combustion products: Carbon oxides, Nitrogen oxides (NOx).
Protective equipment and precautions for firefighters	:	Wear self-contained breathing apparatus. MSHA/NIOSH approved (or equivalent) and full protective gear.

Further information	:	No information available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid contact with eyes and skin. Do not breathe dust. Wear appropriate personal protective equipment (PPE) as required, including gloves, safety goggles and, if necessary, a dust mask. Stop source of spill as soon as possible and notify suitable personnel. Ensure adequate ventilation in the area and keep unprotected personnel away from the spill area. For personal protection section 8.
Methods and materials for containment and cleaning up	:	Sweep up and shovel into suitable container(s) for disposal. Avoid creating dust. Do not release into drains, soil or into surface water. For disposal see section 13.
Environmental precautions	:	Do not discharge into soil, drains, on the ground or water courses. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. If released into rivers, lakes or drains, inform respective authorities.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	:	Keep away from heat. Take precautions to avoid mixing with combustibles. Do not ingest or swallow. Do not get in contact with skin, eyes and clothing. Provide adequate ventilation. Avoid breathing dust/vapors. Wear the appropriate personal protective equipment (PPE). When using the product, do not eat, drink or smoke. Wash hands thoroughly after handling. Use care in handling and storage.

Conditions for safe storage	:	Store in a cool, dry, well ventilated place, out of direct sunlight. Keep the container tightly closed. Store away from any sources of ignition, other chemicals or combustible materials. Store away from incompatible materials (see section 10 of the SDS).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits	:	This product, as supplied, does not contain any hazardous materials with occupational exposure limits.
Engineering controls	:	Adequate ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use local exhaust ventilation or other engineering controls to keep airborne exposures below recommended exposure limit. Eye wash stations and safety showers should be provided in the work area when handling this product.

Personal protective equipment

Eye/face protection	:	Wear safety goggles or glasses with side shields.
Skin and body protection	:	Wear protective clothing and gloves.
Respiratory protection	:	When dusts are generated, if exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn. Follow current local regulations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Powder solid
Appearance	:	Granules
Color	:	White

Odor	:	No data available
Odor threshold	:	No data available
pH	:	No data available
Melting point/freezing point	:	> 360 °C - lit
Initial boiling point or boiling range	:	No data available
Flammability (solid, gas)	:	No data available
Upper flammability limit	:	No data available
Lower flammability limit	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Kinematic viscosity	:	No data available
Dynamic viscosity	:	No data available
Solubility	:	No data available
Specific gravity	:	No data available
Partition coefficient (n-octanol/water)	:	log Pow: -1.31 at 25 °C
Vapor pressure	:	No data available
Vapor density	:	No data available
Relative density	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Molecular Weight	:	129.07 g/mol

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No data available.
Chemical stability	:	Stable under recommended storage conditions. Hygroscopic.
Possibility of hazardous reactions	:	None known under conditions of normal use.
Conditions to avoid	:	Dust formation. Incompatible materials. Prolonged exposure to air or water. Direct

sunlight and extreme temperatures.

Incompatible materials : Strong oxidizing agents.

Hazardous decomposition products : Carbon oxides
Nitrogen oxides (NOx)

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eyes : May cause eye irritation.

Skin : Not expected to cause skin irritation under normal use. Prolonged or repeated contact may cause dry skin and irritation.

Inhalation : No known effect.

Ingestion : No adverse health effects anticipated from ingestion of incidental amounts of product.\

Numerical measures of acute toxicity – component information

Chemical Name (CAS)	Oral LD50	Dermal LD50	Inhalation LC50
Cyanuric Acid (108-80-5)	= 5.00 mg/kg (Rat)	= 5.00 mg/kg (Rabbit)	= 5.25 mg/l dust/mist (Rat)

Information on toxicological effects

Symptoms : No data available.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Skin corrosion/irritation : Result - No skin irritation - 24h (OECD Test Guideline 404)

Serious eye damage/eye irritation : Result - No eye irritation - 24h (OECD Test Guideline 405)

Sensitization	:	Local lymph node assay (LLNA) - Mouse Result: negative (OECD Test Guideline 429).
Germ cell mutagenicity	:	Test type: Ames test, Test system: S. typhimurium/Escherichia coli. Metabolic Activation: with and without metabolic activation, Method: OECD Test Guideline 471, result: negative. Test type: sister chromatid exchange assay, Test system: Chinese hamster ovary cells. Metabolic activation: with and without metabolic activation. Method: Regulation (EC) No. 440/2008, Annex, B.19. Result: negative. Test type: Gene mutation test, Test system: mouse lymphoma cells. Metabolic activation: with and without metabolic activation, Method: Regulation (EC) No. 440/2008, Annex, B.17. Result: negative. Test Type: Chromosome aberration test. Species: Rat, Cell Type: Bone marrow, Application route: Oral, Method: OECD Test Guideline 475. Result: Negative.
Carcinogenicity	:	Cyanuric acid (CAS 108-80-5) is not listed as a carcinogen by NTP, IARC, or OSHA.
Reproductive toxicity	:	No data available.
STOT - single exposure	:	No data available.
STOT - repeated exposure	:	No data available.
Chronic toxicity	:	No data available.
Aspiration hazard	:	No data available.
Interactive effects	:	No data available.
Additional information	:	Repeated dose toxicity - Rat - male - Oral - NOAEL (No observed adverse effect level) - 154 mg/kg - LOAEL (Lowest observed adverse effect level) - 371 mg/kg. RTECS: XZ1800000
Data sources and methodology	:	No alternative data or estimation methods used. All data provided is based on available primary sources for Cyanuric Acid (CAS 108-80-5).

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxicity to fish and toxicity to daphnia and other aquatic invertebrates

Chemical Name (CAS)	Ceriodaphnia (water flea)	Pimephales promelas (fathead minnow)	Navicula pelliculosa (Freshwater diatom)
	Semi-static EC50, 48h, 227 mg/l	Static LC50,96h, 2.100 mg/l	Static ErC50, 72h, 5.000 mg/l

Persistence and degradability : Aerobic: Exposure time 8 h.
Result: 100% - Readily biodegradable.
Remarks: (ECHA)

Bioaccumulative potential : No data available.

Results of PBT and vPvB assessment : This substance is not classified as persistent, bioaccumulative, or toxic (PBT), nor as very persistent and very bioaccumulative (vPvB) at concentrations of 0.1% or higher.

Mobility in soil : No data available.

Other adverse effects : No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residue : Do not discharge into any sewer, on the ground, soil or water courses. Should not be released into the environment. Dispose of in accordance with local, state and federal regulations.

Contaminated packaging : Empty containers may retain product residue. Do not reuse or refill containers. Refer to all local, state and federal regulations prior to disposal. Empty containers should be taken to an approved waste handling site for recycling

or disposal.

RCRA status : This product, as supplied, is not classified as a hazardous waste under the U.S. Resource Conservation and Recovery Act (RCRA), 40 CFR Part 261.

SECTION 14. TRANSPORT INFORMATION

U.S. DOT (49 CFR) : Not regulated as a hazardous material under DOT regulations.

- **UN number** : Not applicable.
- **UN proper shipping name** : Not applicable.
- **Transport hazard class(es)** : Not applicable.
- **Packing group** : Not applicable.
- **Environmental hazards (Marine pollutant)** : No.

IMDG : Not regulated as dangerous goods under the IMDG Code.

- **UN number** : Not applicable.
- **UN proper shipping name** : Not applicable.
- **Transport hazard class(es)** : Not applicable.
- **Packing group** : Not applicable.
- **Environmental hazards (Marine pollutant)** : No.

IATA : Not regulated as dangerous goods under IATA regulations.

- **UN number** : Not applicable.
- **UN proper shipping name** : Not applicable.
- **Transport hazard class(es)** : Not applicable.
- **Packing group** : Not applicable.
- **Environmental hazards (Marine pollutant)** : No.

Special precautions for user : None known.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable.

SECTION 15. REGULATORY INFORMATION

Regulation (EC) : This material, as supplied, complies with the requirements of Regulation (EC) No. 1907/2006.

United States Federal Regulations

Clean Air Act (CAA) : This product, as supplied, is not listed as a Hazardous Air Pollutant (HAP).

Clean Water Act (CWA) : Not listed as a hazardous substance.

CERCLA : This product, as supplied, is not listed as a hazardous substance under the Comprehensive Environmental Response, Compensation and Liability Act.

TSCA : Listed / Complies.

SARA Title III (EPCRA)

Section 302/304 : Not listed as an extremely hazardous substance.

Section 311/312 hazards : Acute health hazard - No
Chronic health hazard - No
Fire hazard - No
Sudden release of pressure hazard - No
Reactive hazard - No

Section 313 : This product does not contain chemicals subject to SARA 313 reporting.

United States State Regulations

California Proposition 65 : This product does not contain any substances known to the State of California to cause cancer, birth defects, or other reproductive harm.

U.S. States Right-to-Know : Cyanuric acid (CAS 108-80-5) is listed on the Right-to-Know substance lists for the

		following states: Pennsylvania, New Jersey, and Minnesota.
U.S. EPA label information	**:**	EPA pesticides registration number : Does not Contain any substances regulated as pesticides.

SECTION 16. OTHER INFORMATION

Abbreviations and acronyms

CAS: Chemical Abstracts Service, CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act, CFR: Code of Federal Regulations, EC50: Effective Concentration 50%, EPA: Environmental Protection Agency, EPCRA: Emergency Planning and Community Right-to-Know Act, GHS: Globally Harmonized System of Classification and Labelling of Chemicals, HMIS - Hazardous Materials Identification System, IARC: International Agency for Research on Cancer, IATA: International Air Transportation Association, IMDG: International Maritime Dangerous Goods, LC50: Lethal Concentration 50%, LD50: Lethal Dose 50%, MSHA: Mine Safety and Health Administration, NFPA - National Fire Protection Association, NIOSH: National Institute for Occupational Safety and Health, NTP: National Toxicology Program, OECD: Organisation for Economic Co-operation and Development, OSHA: Occupational Safety and Health Administration, SARA: Superfund Amendments and Reauthorization Act, STOT: Specific Target Organ Toxicity, TSCA: Toxic Substances Control Act, U.S.: United States, UN: United Nations.

References

Bliss Water Care Internal data including own and sponsored test results

CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple

ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp

eCFR – Code of Federal Regulations, website: https://www.ecfr.gov/

eChemPortal – The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en

ECHA – European Chemicals Agency, website: https://echa.europa.eu/

ERG – Emergency Response Guidebook by U.S. Department of Transportation, website: http://www.phmsa.dot.gov/hazmat/library/erg

Germany GESTIS-database on hazard substance, website:
http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp

HSDB – Hazardous Substances Data Bank, website:
https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm

IARC – International Agency for Research on Cancer, website: http://www.iarc.fr/

IATA – International Air Transport Association, website: https://www.iata.org/

IMDG – International Maritime Dangerous Goods, website: https://www.imo.org/

IPCS – The International Chemical Safety Cards (ICSC), website:
http://www.ilo.org/dyn/icsc/showcard.home

NFPA - National Fire Protection Association, website: nfpa.org/en

NTP – National Toxicology Programme, website: https://ntp.niehs.nih.gov/

OEHHA – California Proposition 65, website: https://oehha.ca.gov/proposition-65

OSHA – Occupational Safety and Health Administration, website: https://www.osha.gov/

Sigma-Aldrich, website: https://www.sigmaaldrich.com/

U.S. EPA – United States Environmental Protection Agency, website: https://www.epa.gov/

Prepared by Bliss Water Care Regulatory Team
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The information presented in this Safety Data Sheet is provided in good faith and is believed to be accurate as of the date of issue. It is intended solely to assist in the safe handling, use, processing, storage, transportation and disposal of the product under normal conditions and in accordance with applicable U.S. federal, state and local regulations. This document is not a warranty or guarantee of product properties or performance. Users are responsible for evaluating the suitability of this information for their specific purposes and for ensuring compliance with all applicable laws.

End of safety data sheet.