Safety Data Sheet
ClariSynQ

SECTION 1: Identification

1.1 GHS Product identifier

Product name	ClariSynQ

1.2 Recommended use

Bacterial Additive

1.3 Supplier's details

Name	BioSafe Systems
Address	22 Meadow Street East Hartford CT 06108 USA
Telephone	1.888.273.3088

1.4 Emergency phone number

ChemTrec: 1-800-424-9300

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2024)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Component	Concentration
Water (CAS no.: 7732-18-5)	**99 - 100 % (weight)**
Microorganisms	**0.1 - 0.9 % (weight)**
Micronutrients	**0.1 - 0.9 % (weight)**

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician if you feel unwell. Show this safety data sheet to the doctor in attendance.
If inhaled	Move person to fresh air. Call a poison center or doctor if you feel unwell.

In case of skin contact	Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Take off contaminated clothing and wash it before reuse.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention/advice.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed
Symptoms/effects after inhalation: None known.
Symptoms/effects after skin contact: Itchiness, redness, may cause allergies.
Symptoms/effects after eye contact: May cause moderate to severe irritation.
Symptoms/effects after ingestion: May cause nausea and irritation.

4.3 Indication of immediate medical attention and special treatment needed, if necessary
Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media
Use water or water spray.

5.2 Specific hazards arising from the chemical
None known.

5.3 Special protective actions for fire-fighters
Wear self-contained breathing apparatus and protective clothing for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear respiratory protection if necessary. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions
Do not let product enter drains and avoid releases to the environment.

6.3 Methods and materials for containment and cleaning up
Cover with absorbent (clay, sawdust, straw, sand, etc.) to absorb the liquid. Sweep into an open container and dispose according to local, state and/or federal regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Avoid contact with skin and eyes. Do not drink, eat or smoke while using this product. Wash hands with soap and water after handling. For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Store in a cool (<30C) place and avoid high heat. Protect containers from heat and direct sunlight. Store them in shade. This product should be used within 18 months of the date of manufacture.

SECTION 8: Exposure controls/personal protection

8.2 Appropriate engineering controls

None required.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms

Eye/face protection

Safety glasses / googles.

Skin protection

Wear protective gloves.

Body protection

Wear protective clothing.

Respiratory protection

Not required under normal use conditions.

SECTION 9: Physical and chemical properties

Physical state	Liquid
Color	Transparent
Odor	Characteristic
Odor threshold	No data available.
Melting point/freezing point	>0°C
Boiling point or initial boiling point and boiling range	<100°C
Flammability	No data available.
Lower and upper explosion limit/flammability limit	No data available.
Flash point	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
pH	5.5 - 8.5
Kinematic viscosity	No data available.
Solubility	Complete.
Partition coefficient n-octanol/water (log value)	No data available.
Vapor pressure	No data available.
Evaporation rate	No data available.
Density and/or relative density	1.04 - 1.05
Relative vapor density	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use and storage.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid
High temperatures, direct sunlight.

10.5 Incompatible materials
No data available.

10.6 Hazardous decomposition products
No data available.

SECTION 11: Toxicological information

Acute toxicity
Likely Routes of Exposure: Eye contact. Skin contact.

Skin corrosion/irritation
May cause allergies. Signs/symptoms may include localized redness, swelling, and itching.

Serious eye damage/irritation
May cause eye irritation. Signs/symptoms may include redness, itchiness or blurred vision.

Respiratory or skin sensitization
May cause an allergic skin reaction.

Germ cell mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

Specific target organ toxicity (STOT) - single exposure
No data available.

Specific target organ toxicity (STOT) - repeated exposure
No data available.

Aspiration hazard
No data available.

SECTION 12: Ecological information

Toxicity
No data available.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

SECTION 13: Disposal considerations

Product disposal
Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Packaging disposal
Dispose of as unused product. Do not reuse containers.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

16.1 Further information/disclaimer
DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall BioSafe Systems be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if BioSafe Systems has been advised of the possibility of such damages.