

Bio Aqua Treatment Safety Data Sheet

Section 1: Identification

Date of preparation : 12 December 2019

Product Name: Bio Aqua Treatment
Reference Number: GSI-3011
Recommended use: Fish farm Bio Augmentation
Supplier Information : Green Search Inc.
231 County rd 34^e
Cottam NOR1B0
Ontario -Canada
Emergency Phone Number: 519 450 8020

Section 2: Hazard Identification

Classification of the Substance or Mixture

GHS Classification

Eye irritation – Category 2A

Label Elements

Signal Word: Warning

Hazard Symbols:



Hazard Statements

Physical Hazards: None.

Health Hazards:

H319: Causes serious eye irritation.

Environmental Hazards: None.

Precautionary Statements

Prevention:

P264: Wash hands thoroughly after handling.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: IF eye irritation persists: Get medical advice/attention.

Storage and Disposal:

P501: Dispose of contents/container in accordance with local/regional/federal/international regulations.

Section 3: Ingredient Composition and Information

Hazardous Materials:

| Chemical Name | Identifiers | % (weight) | Other identifiers |
|---------------------|-------------------------|------------|-------------------|
| Sodium Percarbonate | (CAS NO.) 15630-89-4 | 5-15 | NDA |

Section 4: First-Aid Measures

Description of First-Aid Measures: 12 December 2019

Inhalation: Take precautions to ensure your own safety before attempting rescue.
Wear appropriate equipment. Remove source or move to fresh air. Seek medical attention if symptoms occur.

Skin Contact: **Avoid direct contact. Wear chemical protective clothing if necessary.**
Avoid direct contact. Where protected clothing when necessary Wash affected area with plenty of soap and water for at least 15 minutes. Remove contaminated clothing/footwear. Get medical attention if irritation persists. Wash clothing before reuse.

Eye Contact: Rinse eyes with plenty of water, making sure to get under the upper and lower eyelids. If applicable, remove contact lenses after 5 minutes and continue to flush eye after removal. Get medical attention immediately if irritation persists.

Ingestion: DO NOT induce vomiting. Dilute with plenty of water or milk. Never give anything by mouth to a convulsing or unconscious patient. Get medical attention immediately.

Most Important symptoms and effects: None known

Symptoms and Effects, both Acute and Delayed: Refer to "Section 11: Toxicological Information".

Immediate Medical Attention/Special Treatments: If medical advice is needed, have product container or label at hand. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Medical attention and special treatment: None known

Section 5: Fire-Fighting Measures

Flammable Properties: Non-combustible,

Suitable Extinguishing Media: use extinguishing agent suitable for surrounding fire. Use water to keep non leaking exposed container cool. fire

Special Hazards arising from the Substance or Mixture: Does not burn. Can ignite if strongly heated.

Precautions for Fire-Fighters: No special precaution necessary. Fire fighters should enter area wearing protected equipment. Bunker gear will not provide adequate protection. A full body chemical protective suit with positive pressure SCBA may be necessary.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures

Use personal protective equipment recommended in section 8 of this SDS.

Do not touch damaged container or spilled product unless wearing appropriate protective equipment. Increase ventilation to area or move leaking container to a well ventilated and secure area. Remove or isolate incompatible materials as well as other hazardous materials.

Environmental precautions. No special pre cautions are necessary. Its good practice to prevent releases into the environment.

Methods and materials for containment and clean up : Cover the spill surface with the appropriate type of foam to reduce the release of vapour. Contact emergency service and manufacturer/supplier for advice. No special clean up methods are necessary.

Section 7: Handling and Storage

Precautions for Safe Handling: Prevent accidental contact with incompatible chemicals . No special handling precautions are necessary. Its good practice to avoid breathing product, avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage: No special requirements for storage area. Separate with incompatible chemicals. (See section 10) Protect from conditions mentioned in Section 10. Comply with all applicable Health and safety regulations and fire and building codes.

Section 8: Exposure Controls and Personal Protection

Control Parameters:

N/A

Consult local authorities for provincial or state exposure limits.

Appropriate Engineering Controls :

General ventilation is adequate. For large scale use of this product: use local exhaust ventilation, if general ventilation is not adequate to control amount of air.

Individual Protection Measures:

Eye/Face mask protection : Wear chemical safety goggles and face shield when contact is possible.

Skin Protection : In case of emergency(uncontrolled release) wear chemical suit and respiratory protection.

Wear chemical protective clothing (Boots, gloves.)

Respiratory Protection: Not usually required when working with small quantities. For emergency situations wear a NIOSH approved self contained air respirator.

Section 9: Physical and Chemical Properties

| Material Description | | | |
|-----------------------|------------------|---------------------------|-------------------|
| Appearance | Light tan powder | Flammability | N/A |
| Odor | N/A | Explosive Limits | No data available |
| Odor Threshold | N/A | Vapor Pressure | N/A |
| pH | 6.8 - 8.5 | Vapor Density | N/A |
| Melting Point | N/A | Critical temperature | N/A |
| Freezing Point | N/A | Solubility | Soluble in water |
| Initial Boiling Point | N/A | Partition Coefficient | N/A |
| Boiling range | N/A | Auto-Ignition Temperature | N/A |
| Flash Point | N/A | Decomposition Temperature | N/A |
| Evaporation Rate | N/A | Viscosity | N/A |

Section 10: Stability and Reactivity

Reactivity Data:

Chemical Stability: Not reactive under normal conditions and use, unstable under certain conditions –See conditions to avoid .

Possibility of Hazardous Reactions: None known under normal conditions

Hazardous Decomposition Products: None known.

Conditions to avoid: Prolonged exposure to high temperature, open flames, static discharge, heat and other ignition sources, direct sunlight.
Incompatible Materials: None known.

Section 11: Toxicological Information

Information on Toxicological Effects

Acute Toxicity

| Chemical Name | Oral LD ₅₀ | Dermal LD ₅₀ | Inhalation LC ₅₀ |
|--------------------|-----------------------|-------------------------|-----------------------------|
| Bio Aqua Treatment | >5000mg/kg | No data available | No data available |

Health Hazards

| GHS Properties | Classification |
|--|---|
| Aspiration Hazard | Not classified |
| Skin Corrosion/Irritation | Not classified |
| Serious Eye Damage/Irritation | Category 2A Human experience and animal tests shows serious eye irritation |
| Respiratory Sensitization | Not classified |
| Skin Sensitization | Not classified |
| Carcinogenicity (IARC) | Not classified |
| Germ Cell Mutagenicity | Not classified |
| Reproductive Toxicity | Not classified |
| STOT – Single Exposure-Inhalation-Skin-ingestion | Not classified |
| STOT – Repeated Exposure | Not classified |

*STOT: Specific Target Organ Toxicity

Target Organ: Respiratory system

Routes of Entry: Inhalation

Section 12: Ecological Information (This section is not required by WHMIS)

Ecotoxicity: No information was located.

Persistence and Degradability:

Soil: Product is biodegradable

Water: Disperses in water.

Bio accumulative Potential: Not likely.

Mobility in the Soil: No data available.

Other adverse Effects: None known.

Section 13: Disposal Information

Waste Treatment Methods

Product Waste: Recommended disposal methods are for this product, as sold. (Used material may contain other hazardous contaminants. Dispose of waste in accordance with local, regional, national, and/or international regulations.

Packaging Waste: Dispose of container or packaging in accordance with local, regional, national, and/or international regulations.

Section 14: Transport Information

Not regulated under Canadian TDG or US DOT regulations.

Environmental hazards : N/A

Special Precautions : N/A

Transport in Bulk according to annex II of MARPOL 73/78 and the INC Code

Transport in Bulk (according to Annex II of MARPOL 73/78 and the IBC code): No data available.

Special Precautions for User: N/A

Section 15: Regulatory Information

Safety, Health, and Environmental Regulations: Not required by WHMIS

Canada : WHMIS 1988 Classification. Not a WHMIS controlled product.

DSL/NDSL: Canadian Domestic Substances List/Non-Domestic Substances List. All ingredients listed on the DSL or are listed. not required to be

USA Toxic Substances Control Act (TSCA) Section 8b. All ingredients are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.

Section 16: Other Information

Further details may be available upon request from your local Green Search Inc. distribution site.

Abbreviation Key/Legend:

NA: Not Applicable
NDA: No Data Available
CAS: Chemical Abstract Service
IARC: International Agency for Research on Cancer
ACGIH: American Conference or Governmental Industrial Hygienists
NIOSH: National Institute of Occupational Safety and Health
OSHA: Occupational Safety and Health Administration
LD50: Chemical dose which kills 50% of the test population

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