SECTION 1: Identification of the substance/mixture and of the company

1.1 Product identifier

- Product Name: **Brilliant Green Bile Broth 2%**

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/preparation: Laboratory Chemicals, Analytical Purpose, Biochemical Analysis.

1.3 Details of the supplier of the safety data sheet

- Name of Manufacturer: Arena BioScien, SEA
- Address of Manufacturer: Block 5, Street 9 Ismailia free zone. Ismailia- Egypt
- Telephone: +202 21813500/ +201113102057
- Email: admin@arenabioscientific.com

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

- The product does not need to be labelled in accordance with EC directives or respective national laws.
- EUH210 Safety data sheet available on request.

2.3 Other hazards

- None.

SECTION 3 Composition/information on ingredients

3.1 mixture

Component	Classification	Concentration
Brilliant green		
CAS-No. 633-03-4 EC-No. 211-190-1 Index-No. 613-319-00-0 Registration number 01-2119485825-24-XXXX	As Per EC Regulation 1272/2008 Acute Tox.oral 4; Eye Irrit. 2A H302; H319	>=0.01 - <=0.1%

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4 First aid measures

4.1 Description of first-aid measures

General advice:
Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled:
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact:
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact:
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.
If swallowed:
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed
No data available.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media
- Suitable extinguishing media
- Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media
- No data availabl.

5.2 Special hazards arising from the substance or mixture
- *Carbon oxides, Other decomposition products not known.*

5.3 Advice for firefighters
- Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information
- No data available.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are oRecommended Storage Temperature : On receipt store between 10-30°C pened must be carefully resealed and kept upright to prevent leakage.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

-Components with workplace control parameters

8.2 Exposure controls

-Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.

-Personal protective equipment

-Hygiene measure

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

-Eye/face protection

Tightly fitting saftey goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

SECTION 8 Exposure controls/personal protection (continued…)

- Wear safety glasses approved to standard for ANSI Z87 or EN 166.
- Wear suitable protective clothing in accordance with good chemical hygiene practices.


Gloves


Safety Glasses


Lab Coat

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Cream to pale green coloured homogenous
Odour: No data available
Odour Threshold: No data available
pH: 7.00 - 7.40
Melting/freezing point: No data available
Initial boiling point and boiling range: No data available
Flash point: No data available
Flammability (Solid, gas): No data available
Vapour pressure: No data available
Relative density: No data available
Water Solubility: No data available
Partition coefficient: n-octanol/water No data available
Autoignition Temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Vapour density: No data available
Thermal decomposition: No data available

SECTION 10 Stability and reactivity

- 10.1 Reactivity
- No data available
- 10.2 Chemical stability
- No data available
- 10.3 Possibility of hazardous reactions
- No data available
- 10.4 Conditions to avoid
- no data available
- 10.5 Incompatible materials
- No data available
- 10.6 Hazardous decomposition products
- In the event of fire: see section 5.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Mixture

Acute toxicity

Oral: No data available

Inhalation: No data available

Dermal: No data available
Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
No data available
Respiratory or skin sensitization
No data available
Germ cell mutagenicity
No data available
Carcinogenicity
No data available
Reproductive toxicity
No data available
Specific target organ toxicity - single exposure: No data available
Specific target organ toxicity - repeated exposure: No data available
Aspiration hazard
No data available
11.2 Additional Information
RTECS : No data available

SECTION 12 Ecological information

12.1 Toxicity
Mixture
No data available
12.2 Persistence and degradability
No data available
12.3 Bioaccumulative potential
No data available
12.4 Mobility in soil
No data available
12.5 Results of PBT and vPvB assessment
This substance or mixture contains no components considered to be persistent,bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.
12.6 Acute oral toxicity
Rat LD50:410 mg/kg.
Subacute to chronic toxicity
Target organs: respiratory system,gastrointestinal,eyes and skin.
Acute inhalation toxicity
Symptoms:Possible damages:, mucosal irritations
Acute Dermal toxicity
No Data Available
Skin irritation
Rabbit Result: slight irritation
Eye irritation
Rabbit Result: Eye irritation
Causes serious eye irritation.
Sensitisation
No Data Available
Other information
No data available.

SECTION 13 Disposal considerations

13.1 Waste treatment methods
- Disposal should be in accordance with local, regional, national, and/or international regulations.
- Do not discharge into drains or the environment, dispose to an authorized waste collection point.
- Do not reuse empty containers.

13.2 Classification (REACH)
- Waste Codes in accordance with the European Waste catalogue (EWC) are origin-defined.

Since this product is used in several industries, no Waste Code can be provided by the supplier. The Waste Code should be determined in arrangement with your waste disposal partner or the responsible authority.

SECTION 14 Transport information

14.1 UN Number
- ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

14.2 UN Proper Shipping Name
- ADNR : Not dangerous goods ADR : Not dangerous goods IATA_C : Not dangerous goods IATA_P : Not dangerous goods IMDG : Not dangerous goods RID : Not dangerous goods.

14.3 Transport hazard class(es)
- ADNR : - ADR : - IATA_C : - IATA_P : - IMDG : - RID : -

14.4 Packing group
- ADNR : - ADR : - IATA_C : - IATA_P : - IMDG : - RID : -

14.5 Environmental hazards
- ADNR : No ADR : No IMDG : Marine Pollutant No IATA_C : No IATA_P : No RID : No

14.6 Special precautions for user
- Not Classified
-

SECTION 14 Transport information (continued…)

- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.7 Ocean/Sea (IMO/IMDG)
- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Packing Group: Not applicable

14.8 Air (ICAO/IATA)
- Proper Shipping Name: Not applicable
- ICAO Un No.: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

SECTION 15 Regulatory information

H302 Harmful if swallowed
H319 Causes serious eye irritation
Acute Tox.oral 4 Acute toxicity, oral, Category 4
Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A

SECTION 16 Other information

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Replaces: New issue
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