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

1.1 Product identifier

- Product Name: CLED Agar

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

Laboratory and analytical use

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

Classification according to Regulation (EC) No 1272/2008 (CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/ EC.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP) not required

2.3 Other hazards Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3 Composition/information on ingredients

Specification Ingredients

Peptic digest of animal tissue: 4.00 gm/lt.

Casein enzymic hydrolysate: 4.00 gm/lt.

Beef extract: 3.00 gm/lt.

Lactose: 10.00 gm/lt.

L-Cystine : 0.128 gm/lt.

Bromothymol Blue: 0.02 gm/lt.

SECTION 4 First aid measures

4.1 Description of first aid measures

General notes

Take off contaminated clothing.

Following inhalation

Provide fresh air.

Following skin contact

Rinse skin with water/shower.

Following eye contact

Rinse cautiously with water for several minutes.

Following ingestion

Rinse mouth.

Call a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

co-ordinate firefighting measures to the fire surroundings water, foam, dry extinguishing powder, ABC-powder

Unsuitable extinguishing media
water jet
5.2 Special hazards arising from the substance or mixture
None.
Hazardous combustion products
In case of fire may be liberated: Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO_2)
5.3 Advice for firefighters
In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For non-emergency personnel Control of dust.
6.2 Environmental precautions
Keep away from drains, surface and ground water.
6.3 Methods and material for containment and cleaning up
Advice on how to contain a spill Covering of drains. Take up mechanically. Advice on how to clean up a spill Take up mechanically.
Other information relating to spills and releases
Place in appropriate containers for disposal. Ventilate affected area.
6.4 Reference to other sections
Hazardous combustion products: see section 5.
Personal protective equipment: see section 8.
Incompatible materials: see section 10.
Disposal considerations: see section 13.

SECTION 7 Handling and storage

7.1 Precautions for safe handling
No special measures are necessary. Advice on general occupational hygiene Keep away from food, drink and animal feedingstuffs.
7.2 Conditions for safe storage, including any incompatibilities
Store in a dry place.
Incompatible substances or mixtures
Observe hints for combined storage.
Consideration of other advice:
Ventilation requirements
Use local and general ventilation.
Specific designs for storage rooms or vessels
Recommended storage temperature:
15 – 25 °C
7.3 Specific end use(s)
No information available.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters
- There are no recommended or established controls for this product.

8.2 Exposure controls
- Eyewash bottles should be available.
- Engineering controls should be provided to prevent the need for ventilation.
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask, NIOSH N95 (US) or type FFP1 (EN143) dust masks.
- Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.

- Wear safety glasses approved to standard for ANSI Z87 or EN 166.

SECTION 8 Exposure controls/personal protection (continued…)

- Wear suitable protective clothing in accordance with good chemical hygiene practices.



SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid
Colour :beige
Odour: characteristic
Melting point/freezing point: not determined
Boiling point or initial boiling point and boiling range: (unknown) not determined
Flammability: this material is combustible, but will not ignite readily Lower and upper explosion limit: not determined
Flash point :not applicable Auto-ignition temperature not determined
Decomposition temperature: not relevant
pH (value): 7,1 – 7,5
Kinematic viscosity :not relevant
Solubility(ies):
Water solubility: not determined
Partition coefficient :
Partition coefficient n-octanol/water (log value): this information is not available
Vapour pressure :not determined
Density: not determined
Relative vapour density: information on this property is not available
Particle characteristics: No data available.
Other safety parameters
Oxidising properties: none

9.2 Other information

Information with regard to physical hazard classes: hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics:
Temperature class (EU, acc. to ATEX) :
T2 Maximum permissible surface temperature on the equipment: 300°C

SECTION 10 Stability and reactivity

10.1 Reactivity

This material is not reactive under normal ambient conditions.

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Violent reaction with:
strong oxidizer

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials
There is no additional information.
10.6 Hazardous decomposition products
Hazardous combustion products:
see section 5.

SECTION 11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
Test data are not available for the complete mixture.
Classification procedure
The method for classification of the mixture is based on ingredients of the mixture (additivity formula).
Classification according to GHS (1272/2008/EC, CLP)
This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/ EC.
Acute toxicity
Shall not be classified as acutely toxic.
Skin corrosion/irritation
Shall not be classified as corrosive/irritant to skin.
Serious eye damage/eye irritation
Shall not be classified as seriously damaging to the eye or eye irritant.
Respiratory or skin sensitisation
Shall not be classified as a respiratory or skin sensitiser.
Germ cell mutagenicity
Shall not be classified as germ cell mutagenic.
Carcinogenicity
Shall not be classified as carcinogenic.
Reproductive toxicity
Shall not be classified as a reproductive toxicant.
Specific target organ toxicity - single exposure
Shall not be classified as a specific target organ toxicant (single exposure).
Specific target organ toxicity - repeated exposure
Shall not be classified as a specific target organ toxicant (repeated exposure). Aspiration hazard
Shall not be classified as presenting an aspiration hazard.
Symptoms related to the physical, chemical and toxicological characteristics
- If swallowed Data are not available.
- If in eyes Data are not available.
- If inhaled Data are not available.
- If on skin Data are not available.
- Other information Health effects are not known.

11.2 Endocrine disrupting properties
None of the ingredients are listed.
11.3 Information on other hazards
There is no additional information.

SECTION 12 Ecological information

12.1 Toxicity
Shall not be classified as hazardous to the aquatic environment. . Biodegradation Data are not available.
12.2 Process of degradability
Data are not available.
12.3 Bioaccumulative potential
Data are not available.
12.4 Mobility in soil
Data are not available.

12.5 Results of PBT and vPvB assessment
Data are not available.
12.6 Endocrine disrupting properties
None of the ingredients are listed.
12.7 Other adverse effects
Data are not available.

SECTION 13 Disposal considerations

13.1 Waste treatment methods
Consult the appropriate local waste disposal expert about waste disposal.
Sewage disposal-relevant information
Do not empty into drains.
13.2 Relevant provisions relating to waste
The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Waste catalogue ordinance (Germany).
13.3 Remarks
Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions

SECTION 14 Transport information

14.1 UN Number
- Not classified as hazardous for transport
14.2 UN Proper Shipping Name
- Not applicable
14.3 Transport hazard class(es)
- Not applicable
14.4 Packing group
- Not applicable
14.5 Environmental hazards
- Not Classified
14.6 Special precautions for user
- Not Classified
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
- Not Classified
14.8 Domestic Surface Transport (US DOT)
- Proper Shipping Name: Not applicable
- DOT UN No.: Not applicable
- DOT Hazard Class: Not applicable

SECTION 14 Transport information (continued…)

- DOT Packing Group: Not applicable
14.9 International Road/Rail (ADR/RID)
- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable
14.10 Ocean/Sea (IMO/IMDG)
- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Packing Group: Not applicable
14.11 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

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006- 453/2010, WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR), and with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe.

SECTION 16 Other information

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Replaces: New issue
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