ARENA BioScien

Safety Data Sheet

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

1.1 Product identifier

- Product Name: **Cronobacter selective broth**

1.2 Recommended for screening Cronobacter (formerly Enterobacter sakazakii) from food.

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:

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP] Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008

2.2 Label elements:

Labeling according to Regulation (EC) No.1272/2008. The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3. Other hazards: None.

SECTION 3 Composition/information on ingredients

Peptone 10.00 gm/l
Beef extract 3.00 gm/l
Sucrose 10 gm/l
Sodium chloride 5.00 gm/l
Bromocresol purple0.04 gm/l

SECTION 4 First aid measures

4.1 Description of first aid measures

General Information Get medical attention if symptoms occur.

Inhalation Provide fresh air, in case unconscious; maintain adequate airway and respiration. Consult a doctor/medical service in case of breathing problems.

Ingestion Wash out mouth with water If symptoms persist, consult a physician.

Skin Contact Wash thoroughly with soap and water
Take off immediately all contaminated clothing. Consult a doctor/medical service if irritation persists.

Eye Contact Rinse out with plenty of water. Remove contact lenses. If symptoms persists consult a physician.

4. 2Most important symptoms and effects, both acute and delayed: None.

SECTION 5 Fire-fighting measures

5.1 Suitable Extinguishing Agents: CO_2, ABC multipurpose dry chemical or water spray. Fight large fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Special Protective Equipment and Advice for firefighters: Wear self-contained breathing apparatus for firefighting, if necessary.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: No special precautionary health measures should be needed under anticipated conditions of use. Wear appropriate personal protective equipment (PPE) as regulated by your laboratory protocol including lab coat, safety glasses, and gloves.

6.2 Methods and materials for containment and cleaning up: Clean up affected area. Avoid generation of dusts. Soak up with inert absorbent material and dispose contaminated material as waste according to section 13.

6.3 Environmental precautions: Avoid release to the environment.

SECTION 7 Handling and storage

7.1 Precautions for safe handling:

Avoid inhaling dust. Avoid contact with eyes, skin and clothing.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place. Keep container tightly closed. Recommended storage temperature see product label.

7.3 Specific end uses:

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated. Storage: Store at 10°C -30°C in tightly closed container.

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.
- 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

Prepared Appearance : Cream coloured, free flowing powder.
Odour: No data available.
Odour Threshold: No data available
pH: 7.4 ± 0.2 at 25°C
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/wate: 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

Stable under recommended transport or storage condition.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions

10.4 Conditions to avoid

Avoid exposure to heat and moisture to maintain product stability.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No decomposition if used according to the specification

SECTION 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity : 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 IARC : No data available
Reproductive toxicity : No data available
Specific target organ toxicity- single exposure: No data available
Aspiration hazard : No data available

11.2 Potential Health Effects:

Inhalation : May be irritating if inhaled
Skin : No irritating effects
Eyes : No irritating effects
Ingestion :May be harmful.
Sensitization : No sensitization effects known. Repeated exposure might cause allergic reactions in sensitive individuals.
Additional Toxicological Information: None

SECTION 12 Ecological information

12.1 Toxicity
Not available.
12.2 Persistence and 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
This product is not identified as a PBT/vPvB..
12.6 Other adverse effects
Data are not available.

SECTION 13 Disposal considerations

Waste treatment methods
Product:
Dispose of waste in accordance with current legislation and local regulations as per established safety procedures. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
Contaminated packaging:
Handle uncleaned containers like the product itself.
Recommendation:
Ensure decontamination of the prepared material and contaminated containers by autoclaving and / or incineration before discarding

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
- 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

SECTION 14 Transport information (continued…)

- 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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