ARENA BioScien

Safety Data Sheet

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

1.1 Product identifier

- Product Name: Coagulase Reagent

1.2 Lyophilized rabbit plasma is used for the qualitative detection of the coagulase enzyme produced by Staphylococcus aureus

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

Physical hazards

Based on available data, the classification criteria are not met

Health hazards

Based on available data, the classification criteria are not met

Environmental hazards

Based on available data, the classification criteria are not met

2.2. Label elements

None required

2.3. Other hazards

None

SECTION 3 Composition/information on ingredients

Coagulase Plasma is lyophilized rabbit plasma to which EDTA is added as an anti-coagulant. EDTA is not consumed by bacteria, thus will not cause false positive coagulase reactions by bacteria that can utilize citrate.

SECTION 4 First aid measures

4.1 Description of first aid measures

General Information Get medical attention if symptoms occur.

Inhalation Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.

Skin Contact Wash with plenty of soap and water. Get medical attention if irritation develops and persists.

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.

4. 2Most important symptoms and effects,

None reasonably foreseeable.

SECTION 5 Fire-fighting measures

5.1 Extinguishing Agents:

Suitable Extinguishing Media

Water spray, carbon dioxide (CO_2), dry chemical, alcohol-resistant foam

Extinguishing media which must not be used for safety reasons

No information available.

5.2 Special hazards arising from the substance or mixture:

Thermal decomposition can lead to release of irritating gases and vapors

5.3 Special Protective Equipment and Advice for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation.

6.2 Methods and materials for containment and cleaning up:

Sweep up and shovel into suitable containers for disposal. Avoid dust formation

6.3 Environmental precautions

Should not be released into the environment

SECTION 7 Handling and storage

7.1 Precautions for safe handling:

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Avoid dust formation.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed. Keep at temperatures between 2° and 8 °C.

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

Physical State Lyophilized Pellets Solid
Prepared Appearance : No data available
Odour: No data available.
Odour Threshold: No data available
pH: No data available
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
Vapor Pressure Not determined
Vapor Density Not determined
Specific Gravity Not determined
Water Solubility Not determined
Solubility in other solvents Not determined
Partition Coefficient Not determined
Auto-ignition Temperature Not determined
Decomposition Temperature Not determined
Kinematic Viscosity Not determined
Dynamic Viscosity Not determined
Explosive Properties Not determined
Oxidizing Properties Not determined

SECTION 10 Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Incompatible products. Excess heat. Avoid dust formation

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

None under normal use conditions.

10.7Hazardous Polymerization

Hazardous polymerization does not occur.

10.8Hazardous Reactions

None under normal processing.

SECTION 11 Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product Information: Product does not present an acute toxicity hazard based on known or supplied information

acute toxicity;

Oral	No data available
Dermal	No data available
Inhalation	No data available

11.2. Information on other hazards

Endocrine Disrupting Properties

Assess endocrine disrupting properties for human health. This product does not contain any known or suspected endocrine disruptors.

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.

SECTION 13 Disposal considerations

Waste treatment method

Dispose of waste

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Contaminated packaging:

Empty remaining contents. Dispose of in accordance with local regulations. Do not re-use empty containers

European Waste Catalogue (EWC)

According to the European Waste Catalog, Waste Codes are not product specific, but application specific.

Other Information

Waste codes should be assigned by the user based on the application for which the product was used.

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
- 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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