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

1.1 Product identifier

- Product Name: **Yeast extract powder**

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

- Use of the substance/preparation: Laboratory chemical
- Use advised against: Do not use for products which come into contact with foodstuffs. Do not use for private purposes (household).

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 (29 CFR 1910.1200)

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Not classified as hazardous for supply
- Classification (67/548/EEC, 1999/45/EC) (OSHA 29 CFR 1910.1200)
- Not classified as hazardous for supply

2.2 Label elements

- Signal Word: None
- Symbols: None
- Hazard phrases: None
- Precautionary Phrases:

Keep container tightly closed.
Do not breathe dust.
Avoid contact with eyes, skin, or clothing.

SECTION 3 Composition/information on ingredients

3.1 Substances

UVCB substance" (substance of unknown or variable composition).
Name of substance: Yeast extract

SECTION 4 First aid measures

4.1 Description of first aid measures

- General

No special measures are necessary.

- Contact with skin.

Rinse skin with water/shower.

SECTION 4 First aid measures (continued…)

- Contact with eyes
  Rinse cautiously with water for several minutes.
- Ingestion
  Rinse mouth with water (do not swallow).
  If medical advice is needed, have product container or label at hand.
- Inhalation
  Provide fresh air.

4.2 Most important symptoms and effects, both acute and delayed
- Diarrhea, Vomiting

4.3 Indication of any immediate medical attention and special treatment needed
- None

SECTION 5 Fire-fighting measures

5.1 Extinguishing media
- In case of fire: co-ordinate firefighting measures to the fire surroundings water, foam, dry extinguishing powder, ABC-powder

5.2 Special hazards arising from the substance or mixture
- Combustible

5.3 Advice for firefighters

- In case of fire and/or explosion do not breathe fumes.
- 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
- Wear protective clothing.
- Transfer to a disposable or recovery container.
- Ensure adequate ventilation.
- Protect from heat.
- Contain spilled material by diking or using inert absorbent.

6.2 Environmental Precautions
- Prevent from reaching drains, sewer or waterway.
- Collect contaminated soil for characterization per Section 13

6.3 Methods and material for containment and cleaning up
- Place into properly labeled containers for recovery or disposal.
- Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
- Place in sealable container.
- Collect solids in powder form using vacuum with (HEPA filter)

6.4 Reference to other sections
- See Section 7.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Avoid breathing dust, mist, or vapor.
- Avoid contact with eyes, skin, and clothing.
- Wash hands after handling.
- Minimize dust generation and accumulation.
- Follow good hygiene procedures when handling chemical materials.
- Do not eat, drink, smoke, or use personal products when handling chemical substances.
- Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities.

- Store with like hazards.
- Provide ventilation for containers.
- Avoid storage near extreme heat, ignition sources or open flames.
- Store away from foodstuffs.
- Store in cool, dry conditions in well-sealed containers.

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

OSHA PEL TWA (Total Dust) 15 mg/m3 (50 mppcf*)
ACGIH TLV TWA (inhalable particles) 10 mg/m3

8.2 Exposure controls

- Safety glasses with side shields or goggles.
- The usual precautionary measures are to be adhered to when handling chemicals.
- Keep away from food, beverages and feed sources.
- Wash hands before breaks and at the end of work.
- Do not inhale gases/fumes/dust/mist/vapor/aerosols.
- Avoid contact with the eyes and skin.


Gloves


Safety Glasses


Lab Coat

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Homogenous, free-flowing.
- Odor: Characteristic odor
- pH: Not determined

Melting point/Range: Not determined

- Boiling Point/Range: Not applicable
- Flashpoint: No information available
- Evaporation Rate: Not applicable
- Flammability: No information available
- Vapor Pressure: No information available
- Vapor Density: No information available
- Specific Gravity: No information available
- Solubility in water: Completely soluble in water

SECTION 9 Physical and chemical properties (continued…)

- Partition Coefficient (n-Octanol/Water): No information available
- Autoignition Temperature Product is not self-igniting
- Viscosity: Product is free flowing powder
- Explosive Properties: Product does not present an explosion hazard
- Oxidizing Properties: No information available

9.2 Other information

- No information available

SECTION 10 Stability and reactivity

10.1 Reactivity

- No information available

10.2 Chemical stability

- No decomposition if used and stored according to specifications.

10.3 Conditions to avoid

- Avoid dust, incompatible products, excess heat.

10.4 Incompatible materials

- Incompatible with oxidizing substances

10.5 Hazardous Decomposition Products

- No dangerous decomposition products known.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No experimental test data available
- Contact with skin: No information available.
- Contact with eyes: No information available.
- Ingestion: No information available
- Inhalation: No information available
- Carcinogenicity: No evidence of carcinogenic effects.
- Mutagenicity: No evidence of mutagenic effects.
- Teratogenicity: No information available

SECTION 12 Ecological information

12.1 Toxicity

- No information available.

12.2 Persistence and degradability

- Readily degradable in the environment.

12.1 Bioaccumulative potential:Bioaccumulation Potential

- No information available

12.2 Mobility in soil

- No information available

12.3 Other Adverse Effects

- No information available

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Do not allow product to reach sewage system or open water.
- It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11).
- Consult federal state/ provincial and local regulations regarding the proper disposal of waste material that may incorporate some amount of this product.

SECTION 13 Disposal considerations (continued…)

- Do not reuse empty containers without commercial cleaning or reconditioning.

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

- Not dangerous goods

14.2 UN Proper Shipping Name

- Not dangerous goods

14.3 Packing group

- Not dangerous goods

14.4 Environmental hazards

- Not Classified

14.5 Special precautions for user

- Not Classified

14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not Classified

14.7 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

14.8 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

14.9 Ocean/Sea (IMO/IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Packing Group: Not applicable.

14.10 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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