

SAFETY DATA SHEET

According to the Hazardous Products
Regulation (February 11, 2015)
Revision: 2.4 – 12/12/2023



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

1.1 Product identifiers

Product name: ENVITA™
Alternative names: ENCERA™
Product form: Biological agent
Product group: Trade product
Registration no.: 2020065A Fertilizer Act
Product codes: AZ-LQ-01

1.2 Recommended use and restrictions on use

Recommended uses: Fertilizers

1.3 Details of the supplier of the safety data sheet

Manufacturer: Azotic Technologies Ltd.
Address: Unit 6 Hassacarr Close
Chessingham Park
Dunnington
York
Postcode: YO19 5SN
Country: UNITED KINGDOM
Telephone: +44 (0) 1904 949 696
Email: info@azotictechnologies.com

1.4 Emergency telephone

Emergency telephone no. (worldwide): 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (GHS-CA)
Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2 GHS Label elements, including precautionary statements

GHS-CA labelling
No labelling applicable

2.3 Other hazards

No additional information available

2.4 Unknown acute toxicity (GHS-CA)

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

| Name | Classification (GHS-CA) |
|----------------------------------|-------------------------|
| Gluconacetobacter diazotrophicus | Not classified |

3.2 Mixtures

Not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures

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First-aid measures after inhalation: Move person to fresh air. No further action required.
First-aid measures after skin contact: Wash with soap and water. No further action required.
First-aid measures after eye contact: Flush with clean water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing the eye.

4.2 Most important symptoms and effects (acute and delayed)

Symptoms/injuries after skin contact: Irritation

Symptoms/injuries after eye contact: Eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment: Treat symptomatically

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing media

Suitable extinguishing media: Water spray; Dry powder; Foam; Carbon dioxide

5.2 Unsuitable extinguishing media

No additional information available

5.3 Specific hazards arising from the hazardous product

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

5.4 Special protective equipment and precautions for fire-fighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No additional information available

6.2 Methods and material for containment and cleaning up

For containment: Collect spillage.

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

6.3 Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool. Do not freeze.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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| | |
|---|-------------------------------------|
| | No additional information available |
| 8.2 Appropriate engineering controls | |
| Appropriate engineering controls: | Ensure good ventilation |
| 8.3 Individual protection measures/Personal protective equipment | |
| Hand protection: | Protective gloves |
| Eye protection: | Safety glasses |
| Skin and body protection: | Wear suitable protective clothing |
| Respiratory protection: | None |
| Environmental exposure controls: | None |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|--------------------------------------|
| Physical state: | Liquid |
| Appearance | Dark brown liquid with caramel odour |
| pH: | 5-7 |
| pH solution: | No data available |
| Relative evaporation rate (butyl acetate=1): | No data available |
| Relative evaporation rate (ether=1): | No data available |
| Melting point: | Not applicable |
| Freezing point: | No data available |
| Boiling point: | >100°C |
| Flash point: | No data available |
| Auto-ignition temperature: | No data available |
| Decomposition temperature: | No data available |
| Vapour pressure: | No data available |
| Relative vapour density: | Air = 1 |
| Relative density: | No data available |
| Relative density of saturated gas/air mixture: | No data available |
| Density: | 1 g/mL |
| Relative gas density: | No data available |
| Solubility: | Complete |

9.2 Other information

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

| | |
|-------------------------------------|--|
| Reactivity: | The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability: | Stable under normal conditions. |
| Possibility of hazardous reactions: | No dangerous reactions known under normal conditions of use. |
| Conditions to avoid: | None under recommended storage and handling conditions (see section 7). |

SECTION 11: Toxicological information

| | |
|--------------------------------|--------------------------|
| Acute toxicity (oral): | Oral: Not classified |
| Acute toxicity (dermal): | Dermal: Not classified |
| Skin corrosion/irritation: | Causes skin irritation |
| Serious eye damage/irritation: | May cause eye irritation |

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| | |
|---|----------------|
| Respiratory or skin sensitization: | Not classified |
| Germ cell mutagenicity: | Not classified |
| Carcinogenicity: | Not classified |
| Reproductive toxicity: | Not classified |
| Specific target organ toxicity (single exposure): | Not classified |
| Specific target organ toxicity (repeated exposure): | Not classified |
| Aspiration hazard: | Not classified |

SECTION 12: Ecological information

12.1 Toxicity

Ecology – general: Not toxic to aquatic life.

12.2 Persistence and degradability

Not expected to be persistent

12.3 Bioaccumulation potential

Not expected to bioaccumulate

12.4 Mobility in soil

Completely soluble in water

12.5 Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1 Disposal methods

No additional information available

SECTION 14: Transport information

14.1 Basic shipping description

In accordance with TDG

TDG

Department of Transportation (DOT)

In accordance with DOT

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1 National regulations

No additional information available

15.2 International regulations

Gluconacetobacter diazotrophicus

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

SECTION 16: Other information

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Supersedes: v2.3 12/06/2023

SDS Canada (GHS)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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