

SAFETY DATA SHEET

According to the CLP classification regulation (EC1272/2008)

Revision: 2.1 – 07Dec2023



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

1.1 Product identifiers

Product name: ENCERA™ WG

Alternative names: ENCERA™ WSG

ENVITA™ WG

ENVITA™ WSG

ENVITA™ Granular

Product code: AZ-DY-03

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

Relevant identified uses: Biological agent to use in furrow or foliar

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: quality@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

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

2.3 Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable - Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

3.2 Mixtures

Not applicable - Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of water.

First-aid measures after eye contact: Rinse eyes with water as a precaution.

First-aid measures after ingestion: Call a poison centre or a doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

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No additional information available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

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

5.3 Advice for firefighters

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

6.1.1 For non-emergency personnel

Emergency procedures: Ventilate spillage area

6.1.2 For emergency responders:

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions

Avoid release to the environment

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Sweep up powder gently without creating dust clouds. Then mop surfaces with clean water containing disinfectant.

Other information: Dispose of materials at an authorised site

6.4 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: Use only in a well-ventilated area. Keep containers sealed when not in use. Prevent the build-up of dust in the work atmosphere. Avoid inhalation of dust, and skin or eye contact. 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 cool, dry conditions in an airtight container away from sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available

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8.2 Appropriate engineering controls

Appropriate engineering controls: Store in ventilated area but do not open containers in strong draughts or windy conditions.

Environmental exposure controls: Avoid release to the aquatic environment

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: May cause mild irritation: Powder mask FFP2 recommended

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid
Colour:	White to beige
Odour:	Odourless to mild caramel
Odour threshold:	No data available
pH of 1% solution:	5-7
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Relative evaporation rate (butylacetate =1):	No data available
Flammability (solid):	Non flammable
Vapour pressure:	No data available
Relative vapour density at 20°C:	No data available
Relative density:	No data available
Solubility in water:	Complete
Log Pow:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive limits:	Upper – not applicable Lower – 25-45 g/m ³ if airborne as dust (Note: granular form as commercially packaged)
Explosive properties:	No data available
Oxidising properties:	No data available

9.2 Other information

Product is not combustible under normal use in commercially packaged quantities. When bulk handling, dust clouds should be considered as potentially combustible (i.e: subject to organic dust fire and explosion at high dust densities in air). Under these circumstances intrinsically safe dust extraction systems, cleaning procedures, electrical earthing and other safety measures must be used to avoid the risk of explosion.

SECTION 10: Stability and reactivity

10.1 Reactivity

Hazardous polymerisation: Will not occur

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10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use

10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7)

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced

SECTION 11: Toxicological information

Primary routes of entry:

Eyes and ingestion

Signs and symptoms of exposure

Skin:

None

Eyes:

May cause eye irritation

Inhalation:

May cause sneezing or coughing

Ingestion:

None

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 Waste treatment methods

Dispose of contents/container in accordance with licensed collector's sorting instructions

SECTION 14: Transport information

UN number:

Not applicable

UN proper shipping name:

Not applicable

Transport hazard class:

Not applicable

Packing group number:

Not applicable

Environmental hazards:

Not applicable

Guidance on transport in bulk:

Not applicable

Special precautions:

None

SECTION 15: Regulatory information

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

Gluconacetobacter spp. is covered by Food and Drug Administration (FDA) Generally

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Recognised As Safe (GRAS)

15.2 Chemical Safety Assessment

No additional information available

SECTION 16: Other information

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