

1 Identification of the substance/preparation and of the company/undertaking

Product details

Trade name:

Bio-Ag Soil Conditioner

Application of the substance / the preparation

Soil adjuvant substance for use in crop growing, grassland and garden.

Manufacturer/Supplier:

Microbz Ltd

Naish House

Spirthill

Calne

SN11 9HW

Tel: 01249 760 486

Web: www.microbz.co.uk

Information in case of emergency: *Call local emergency information.*

2 Hazards identification

Hazard description: *Void*

Information concerning particular hazards for human and environment:

The product does not have to be classified according to the calculation procedure of the "Dangerous preparation directive" of the EU as issued in the latest valid version.

Classification system:

The classification complies with the actual legally binding EU Directives and is supplemented by company and literature data.

3 Composition/information on ingredients

Chemical characterization description:

Liquid mixture of microorganisms

Dangerous components: *Void*

4 First-aid measures

First aid**· General information:**

No special measures required.

· After inhalation:

No special measures required.

· After skin contact:

In general the product is not irritant to skin but it is recommended to wash affected skin areas with water and soap and rinse thoroughly.

· After eye contact:

Rinse opened eye for several minutes under running water.

If symptoms persist call a doctor.

· After swallowing:

Rinse out mouth.

If symptoms persist consult doctor.

5 Fire-fighting measures

· Suitable extinguishing agents:

The product itself is not combustible. Use fire extinguishing methods suitable to surrounding conditions.

- **Protective equipment:**
No special measures required.

6 Accidental release measures

- **Person-related safety precautions:**
Please notice instructions for person-related safety precautions and wear protective equipment.
- **Measures for environmental protection:**
No special measures required.
- **Measures for cleaning/collecting:**
Cover entire spill with absorbing material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:**
No dangerous substances are released.

7 Handling and storage

Handling:

- **Information for safe handling:**
Comply with instructions for use.
When using the product do not eat, drink or smoke.
- **Information about fire - and explosion protection:** *No special measures required.*
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool, dark place.
After opening left over quantities should be used as soon as possible.
- **Information about storage in one common storage facility:**
Do not store food, beverages and animal feeding stuffs in the storage area.
- **Further information about storage conditions:**
Keep out of the reach of children and domestic animals.
Protect from heat and direct sunlight.
- **Recommended storage temperature:** *+8°C to +18°C (do not store in the refrigerator)*

8 Exposure controls/personal protection

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Personal protective equipment:**
- **General protective and hygienic measures:**
Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace and keep it tidy.
Avoid contact of the pure product with eyes or mucous membranes.
- **Respiratory protection:**
Not required.
- **Protection of hands:**
Not required.
- **Eye protection:**
Not required.
- **Body protection:**
Not required.

9 Physical and chemical properties

General Information

Form: *Fluid*

Colour: *Dark brown*

Odour: *Aromatical, sweetsour*

· Change in condition

Melting point/Melting range: *Not applicable.*

Boiling point/Boiling range: *No data.*

· Flash point: *Not applicable, because not combustible.*

· Self-igniting: *Product is not self-igniting.*

· Danger of explosion: *Product does not present an explosion hazard.*

· Density: *Not determined.*

· Solubility in / Miscibility with:

water: *Fully miscible.*

· pH-value at 20°C: *~3.5*

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Starting from the production date Soil Conditioner is durable for at least 6 weeks.

· Dangerous reactions *No hazardous reactions known if used according to specifications.*

· Dangerous decomposition products: *No dangerous decomposition products known.*

11 Toxicological information

· Acute toxicity:

· LD/LC50 values relevant for classification: *No data.*

· Primary irritant effect:

· on the skin: *No data.*

· on the eye: *No data.*

· Sensitization: *No data.*

· Additional toxicological information:

The product does not have to be classified according to the calculation procedure of the Dangerous Preparations Directive 99/45/EC as issued in the latest valid version.

According to our experiences and according to the available information the product does not have any harmful effects if used in accordance with the use instructions.

12 Ecological information

General notes:

Product contains natural occurring microorganisms only as well as natural raw materials. It is not expected to have detrimental effects on the environment.

13 Disposal considerations

· Product:

· Recommendation

Expired products and left over quantities can be disposed of with household waste.

· Uncleaned packaging:

· Recommendation:

Containers should be emptied completely and can be disposed of with household waste.

14 Transport information

Land transport ADR/RID (cross-border)

- **ADR/RID class:** *Not classified*
- **Maritime transport IMDG:**
- **IMDG Class:** *Not classified*
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** *Not classified*

15 Regulatory information

Labelling according to EU guidelines:

The product does not have to be classified according to the calculation procedure of the "Dangerous preparation directive" of the EU as issued in the latest valid version.

- **Risk phrases:** *None*
- **Safety phrases:** *None*
- **National regulations:**
- **Water hazard class:** *Water pollution class (Germany): not water contaminating*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.