

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Ecothrive Biosys

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

Identified uses **Agriculture, Horticulture**

1.3 Details of the supplier of the safety data sheet:

**Hopcrop Ltd
Unit G Novo Works, Bessemer Road
Sheffield
S9 3XN**

**Contact: The Technical Department
Phone number: 0114 258 0408
Email: info@ecothrive.co.uk**

1.4 Emergency phone number: 0114 258 0408

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFICATION according to Regulation (EC) No. 1272/2008 Chemicals (Hazard Information and Packaging) regulation)

Product is not classified as hazardous for humans or the environment

2.2 Label Elements

No label elements are required based on the classification given in section 2.1

2.3 Other Hazards

None Known

3.COMPOSITION/INFORMATION ON INGREDIENTS

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation - If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

Skin - In case of contact with skin, wash immediately with plenty of soap and water, without rubbing. Seek medical attention if symptoms persist or develop.

Eye exposure - Rinse cautiously for several minutes, Remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.

Ingestion - If swallowed, do not give anything by mouth. Do NOT induce vomiting. Seek medical attention and show the label or safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed

No specific symptoms noted

4.3 Indication of any immediate medical attention and special treatment needed.

Symptomatic treatment

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

5.2 Special Hazards arising from the substance or mixture

Possible irritant and corrosive fumes arising from combustion of packaging and surrounding materials.

5.3 Advice for fire-fighters

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Use personal protective equipment – see section 8

-appropriate coveralls and gloves

-eye/face protection

Avoid contact with skin and eyes

6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities, contact local water authority and inform the Environment Agency

6.3 Methods and material for containment and cleaning up

Sweep avoiding dust into suitably labelled containers for recovery or contact specialist waste disposal contractor.

6.4 Reference to other sections

See section 8 for personal protective equipment specification

7. HANDLING AND STORAGE

7.1 Precaution for safe handling

Wash hands and exposed skin before meals and after use. Use personal protective equipment as specified in section 8.

7.2 Conditions for safe storage, including any incompatibilities

Keep in original container and in a safe place. Keep out of reach of children. Protect from frost. Do not store in damp conditions.

7.3 Specific end use(s)

End uses are specified in section 1 and on the product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Work place exposure limits have not been defined for this product

8.2 Exposure controls

Hand protection: Wear suitable protective gloves

Respiration Protection: Dust masks should be worn when handling.

Eye protection: Eye protection should be worn when handling.

Skin protection: Appropriate protective clothing and boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance; Off-white powder.

Flammability (solid, gas); Non-flammable

Solubility (ies); Soluble in water

9.2 Other Information

No further information specified

10. STABILITY AND REACTIVITY

10.1 Reactivity

No reactions known

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

No information specified

10.4 Conditions to avoid

Excessive humidity or moisture levels

10.5 Incompatible materials

Strong oxidizing agents. Strong acids. Strong alkalis.

10.6 Hazardous decomposition products

None known

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

General information: No specific health hazards known.

Inhalation: Dust in high concentrations may irritate the respiratory system.

Ingestion: May cause discomfort if swallowed.

Skin contact: Powder may irritate skin.

Eye contact: Particles in the eyes may cause irritation and smarting.

Acute and chronic health hazards: No specific health hazards known.

Medical symptoms: No specific symptoms noted, but this product may still have adverse health impact, either in general or on certain individuals.

Medical considerations: May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash. Get medical attention.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Non-hazardous

12.2. Persistence and degradability

Persistence and degradability

The product is expected to be biodegradable.

12.3. Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

Prevent from entering watercourses and drains.

13.DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Do not empty into drains or watercourses. Dispose of this material and its container in a safe way in accordance with national regulations. Wash out container thoroughly and dispose of safely.

14. TRANSPORT INFORMATION

The mixture is not classified under transport regulations

15. REGULATORY INFORMATION

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

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been undertaken for this mixture

16. OTHER INFORMATION

Other Risk Phrases assigned to individual ingredients, but not carried to final classification:

None

MSDS information:

This Material Safety data sheet is compiled using data submitted for raw materials and practical experience. This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, 1272/2008 and Annex I of the REACH regulation 453/2010.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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