

# SAFETY DATA SHEET

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

### 1.1 Product Identifier:

**Ecothrive Charge**

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

**Organic Soil Conditioner and Bio-Stimulant**

### 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

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## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFICATION according to Directive 1999/45/EC and statutory instrument No.716 2009 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

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## 3.COMPOSITION/INFORMATION ON INGREDIENTS

Insect frass (manure) from Tenebrio molitor beetle larvae (mealworms). This product is a natural organic material without any hazardous ingredients or supplements

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## 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

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### **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

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### **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

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### **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

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### **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.

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

**Appearance;** Light brown solid/granular  
**Odour;** Wheatbran  
**Flammability (solid, gas);** Non-flammable  
**Vapour density;** Bulk density 0.35g/cm<sup>3</sup>  
**Solubility (ies);** Insoluble

### **9.2 Other Information**

No further information specified

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## **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**

None known

### **10.6 Hazardous decomposition products**

None known

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## **11. TOXICOLOGICAL INFORMATION**

### **11.1 Information on toxicological effects**

The mixture is not classified as hazardous to humans in accordance with Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation)

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## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

The mixture is not classified as hazardous to the environment in accordance with Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation)

### **12.2 Persistence and degradability**

No information specified

### **12.3 Bioaccumulative potential**

No information specified

### **12.4 Mobility in soil**

No information specified

### **12.5 Results of PBT and vPvB**

No information specified

### **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.

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### **14. TRANSPORT INFORMATION**

The mixture is not classified under transport regulations

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### **15. REGULATORY INFORMATION**

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

This substance is classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

#### **15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been undertaken for this mixture

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### **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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