

## SAFETY DATA SHEET

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

#### 1.1 Product Identifier:

## Angus Turf Rise Feed, Weed & Moss Killer

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

Supplied for professional and amateur use as a herbicide weed killer and moss killer

#### 1.3 Details of the supplier of the safety data sheet:

Angus Horticulture Ltd  
Polmood  
Guthrie  
Forfar  
DD8 2TW

Telephone: +44 (0) 1241 829049

E-mail: [sales@angus-horticulture.co.uk](mailto:sales@angus-horticulture.co.uk)

#### 1.4 Emergency phone number

Phone number: +44 (0) 1674 674253

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

CLASSIFICATION (according to Regulation (EC No 1272/2008) as amended

Eye Irritation 2 H319: Causes serious eye irritation.

Aquatic Chronic 3 H412: Harmful to aquatic life with long lasting effects

#### Primary Hazard

Causes serious eye irritation.

#### 2.2 Label Elements



Signal word: **Warning**

**Causes serious eye irritation.**

**Harmful to aquatic life with long lasting effects**

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Wash Hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste

EUH208 — Contains 2,4-D. May produce an allergic reaction

EUH401 – To avoid risks to human health and the environment comply with the instructions for use

## 2.3 Other Hazards









None known

The full text if not displayed in section 2 or 3 for all Hazard information is displayed in Section 16

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Substance

##### 3.2 Hazardous components

Chemical Name	CAS-No./ EINECS-No.	Annex Index or REACH number	Symbol(s) According to 1272/1008 as amended	Phrase(s)	Concentrations [%]
Iron (II) sulphate heptahydrate	7782-63-0 231-753-5	Index No. 026-003-01-4	GHS07  Warning	According to 1272/2008:  H302 H319 H315	25 - 30%
Single super phosphate	8011-76-5/ 232-379-5	-	GHS05  Danger	According to 1272/2008: H318	5.0 – 9.9
(mecoprop-P [1] and its salts; (R)-2-(4-chloro-2- methylphenoxy)propionic acid	16484-77-8/ 240-539-0	Index No. 607-434-00-5	GHS05  Danger  GHS07  Warning  GHS09  Warning	According to 1272/2008: H302 H318 H411	<0.5
(2,4-dichlorophenoxy) acetic acid, dimethylamine salt	2008-39-1/ 217-915-8	-	GHS05  Danger  GHS07  Warning  GHS09  Warning	According to 1272/2008: H302 H318 H412 H335 H317	<0.5

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## FIRST AID MEASURES

### **4.1 Description of first aid measures**

#### **4.1.1 Inhalation**

Remove from source of exposure to fresh air; seek medical attention.

#### **4.1.2 Skin & Eye exposure**

Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist.

Eyes: Immediately rinse with clean water for 15 minutes. Seek medical attention if symptoms persist.

#### **4.1.3 Ingestion**

Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention immediately.

### **4.2 Most important symptoms and effects, both acute and delayed**

Information not available

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

Information not available

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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 fumes arising from combustion

### **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**

Use personal protective equipment

-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) contact local water authority and inform the Environment Agency

### **6.3 Methods and material for containment and cleaning up**

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

### **6.4 Reference to other sections**

No Reference necessary

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## 7. HANDLING AND STORAGE

### **7.1 Precaution for safe handling**

Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

### 7.3 Specific end use(s)

The substance has not been assessed for the specified end-points listed in 1.2, so its hazardous property in this regard is not known

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

No information available

### 8.2 Exposure controls

Goggles – Eye Protection : goggles/face shield to BS EN166.

Gloves – BS EN374 – chemical protection: physical barrier protection only

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Solid granules

**Odour:** not specified

**pH:** ca.3.0 (1% Dilution in water)

**Boiling point/range:** Information not available

**Flash Point/Flammability:** Not flammable

**Explosive properties:** No evidence of explosion risk

**Oxidising properties:** Not oxidising

**Vapour Pressure:** Information not available

**Bulk Density: Pour Density** 0.9g/mL **Tap Density** 0.94g/mL

**Solubility:** Granules soluble in water

**Partition coefficient:** Information not available

**Viscosity:** not applicable

**Vapour density:** not applicable

**Evaporation rate:** not applicable

### 9.2 Other Information

No other relevant information available

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Unknown

### 10.2 Chemical Stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

Information not available

### 10.4 Conditions to avoid

Extremes of temperature

### 10.5 Incompatible materials

None Known

### 10.6 Hazardous decomposition products

Possible Irritant fumes

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity Oral:

Active ingredient	Source of endpoint	Endpoint
Iron Sulphate	EFSA peer review endpoint (EFSA journal 2012; 10 (1): 2521)	Rat LD50 1185-1750 mg/kg bw FeSO4 (H302) 'Harmful if swallowed'
2,4-D acid	EFSA Journal 2014;12(9):3812	Rat LD50 >300 & <2000 mg/kg bw (H302) 'Harmful if swallowed'
Mecoprop-P	Supplier SDS	Rat LD50 775mg/kg (H302) 'Harmful if swallowed'
Dicamba	EFSA peer review endpoint (EFSA journal 2011;9(1):1965)	Rat LD50 1581mg/kg (H302) 'Harmful if swallowed'

The product is not classified for acute toxicity based on the individual toxicity values of the component included within GTHMF Amateur and calculation methods given in Regulation 1272/2009

**Skin Irritation:** GTHMF Amateur is not classified for skin irritant as confirmed via study data (OECD439).

**Eye Irritation:** GTHMF Amateur is classified as an eye irritant category 2 as confirmed via study data (OECD438).

**Skin sensitisation:** GTHMF Amateur is not classified for skin sensitisation category 1. Due to the content of 2,4-D and it's classification as a skin sensitiser, EUH208 is applied.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

GTHMF Amateur has been classified as Harmful to aquatic life with lasting effects as part of the products evaluation under regulation 1107/2009

### 12.2 Persistence and degradability

Information not available

### 12.3 Bioaccumulative potential

Information not available

### 12.4 Mobility in soil

Information not available

### 12.5 Results of PBT and vPvB

Not classified

### 12.6 Other adverse effects

Information not available

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### 13. DISPOSAL CONSIDERATIONS

#### **13.1 Waste Treatment Methods**

Use only licensed waste disposal companies. Do not re-use empty containers for any purpose.

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### 14. TRANSPORT INFORMATION

**14.1 UN number:** Not classified as dangerous for transport

**14.2 UN proper shipping name:** Not classified as dangerous for transport

**14.3 Transport hazard:** Not classified as dangerous for transport

**14.4 Packing group:** Not classified as dangerous for transport

**14.5 Environmental hazards:** Not classified as dangerous for transport

**14.6 Special precautions for user:** Not classified as dangerous for transport

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

Applicable for Maritime bulk transport only. Check with carrier.

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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 1272/2008 as amended

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

CSA not undertaken for this substance

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### 16. OTHER INFORMATION

**SDS version 5.2 – Updated to include reduced CLP and Transport classification. Sections 2 and 14 altered.**

**Hazard Information assigned to individual ingredients, but not carried to final classification:**

**H302: Harmful if swallowed**

**H318: Causes serious eye damage**

**H315: Causes skin irritation**

**H317: May cause an allergic skin reaction**

**H335: May cause respiratory irritation**

**H411: Toxic to aquatic life with long lasting effects**

#### **MSDS information:**

This Material Safety data sheet is compiled using data submitted for raw materials and practical experience.

This product is intended for professional users only.

This Safety Data Sheet is prepared in compliance with Directive 1272/2008 and the REACH regulation 1907/2006.

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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