

# SAFETY INFORMATION SHEET

Date of Issue: February 2004  
Revision date: Dec 2020

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier** **FEED & WEED + MOSSKILLER (ALL IN ONE)**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Lawn Treatment
- 1.3. Details of the supplier of the safety data sheet**  
Vitax Ltd, Owen Street, Coalville, Leicestershire LE67 3DE  
Tel: +44 (0) 1530 510060 e-mail: info@vitax.co.uk
- 1.4. Emergency telephone number** Tel: +44 (0) 1530 510060 Mon - Fri 9am - 5pm  
**IRL ONLY:** In the event of emergency, call the National Poisons Information Centre, Beaumont Hospital at 01 809 2166 or 01 837 9964.

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

- Classification Not Classified  
Physical hazards  
Health hazards Eye Irritation 2 H319: Causes serious eye irritation.  
Environmental hazards Aquatic Chronic 3 H412: Harmful to aquatic life with long lasting effects




### 2.2. Label elements



- Pictogram Warning  
Signal word  
Hazard statements H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.  
Precautionary statements P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P501 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  
Supplementary precautionary statements 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 This substance is not classified as PBT or vPvB according to current EU criteria.






## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Chemical Name	CAS-No./ EINECS-No.	Annex Index or REACH number	Symbol(s) According to 1272/1008 as amended	Phrase(s)	Concentration [%]
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	According to 1272/2008: H302 H318 H411	<0.5

# SAFETY INFORMATION SHEET

Date of Issue: February 2004  
Revision date: Dec 2020

			 Warning  GHS09  Warning		
(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

The Full Text for all Hazard Statements are Displayed in Section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

Inhalation	Remove from source of exposure to fresh air; seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention immediately.
Skin contact	Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue to rinse for at least 15 minutes. Get medical attention if symptoms persist.

### 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

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Suitable 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.

Unsuitable extinguishing media Not applicable.

### 5.2. Special hazards arising from the substance or mixture

Specific hazards Possible irritant fumes arising from combustion.

### 5.3. Advice for firefighters

Protective actions during firefighting Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment).

Special protective equipment for firefighters Wear complete protective clothing and self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures



# SAFETY INFORMATION SHEET

Date of Issue: February 2004  
Revision date: Dec 2020

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Personal precautions	Use personal protective equipment -gloves -eye/face protection Avoid contact with skin and eyes.
<b>6.2. Environmental precautions</b>	
Environmental precautions	Harmful to aquatic life with long lasting effects. 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
<b>6.3. Methods and material for containment and cleaning up</b>	
Methods for cleaning up	Sweep avoiding generating dust into labelled containers for recovery or contact specialist waste disposal contractor.
<b>6.4. Reference to other sections</b>	
Reference to other sections	No reference necessary.

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## SECTION 7: HANDLING AND STORAGE

<b>7.1. Precautions for safe handling</b>	
Usage precautions	Avoid contact with skin and eyes. Wash Hands thoroughly after handling. Do not eat, drink or smoke when using this product.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	
Storage precautions	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.
<b>7.3. Specific end use(s)</b>	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1. Control parameters</b>	
Occupational exposure limits	
Sand (L)	Long-term exposure limit (8-hour TWA): Silica Dust (respirable) WEL 0.1 mg/m <sup>3</sup>
Ammonium Sulphate	Long-term exposure limit (8-hour TWA): LTEL 10 mg/m <sup>3</sup>
Ferrous Sulphate 18%	Long-term exposure limit (8-hour TWA): WEL 1 mg/m <sup>3</sup> Short-term exposure limit (15-minute): WEL 2 1 mg/m <sup>3</sup>
Dolomite	Long-term exposure limit (8-hour TWA): WEL 10 1 mg/m <sup>3</sup> inhalable dust Long-term exposure limit (8-hour TWA): WEL 1 mg/m <sup>3</sup> respirable dust
2:4D/MECOPROP	Long-term exposure limit (8-hour TWA): WEL 10 1 mg/m <sup>3</sup> respirable dust
WEL = Workplace Exposure Limit	
Potash (CAS: 7447-40-7)	DNEL Workers - Dermal; Short term systemic effects: 580 mg/kg/day Workers - Dermal; Long term systemic effects: 580 mg/kg/day Workers - Inhalation; Short term systemic effects: 292 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 292 mg/m <sup>3</sup> PNEC Industry - Fresh water; 0,047 mg/l - Marine water; 0,047 mg/l
SSP Single Superphosphate (CAS: 8011-76-5)	DNEL Workers - Inhalation; Long term systemic effects: 3.1 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 17.4 mg/kg/day General population - Inhalation; Long term systemic effects: 0.9 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 2.1 mg/kg/day General population - Dermal; Long term systemic effects: 10.4 mg/kg/day PNEC - Fresh water; 1.7 mg/l - Marine water; 0.17 mg/m <sup>3</sup> - Intermittent release; 17 mg/l - STP; 10 mg/l
<b>8.2. Exposure controls</b>	
Eye/face protection	Goggles – Eye Protection : goggles/face shield to BS EN166.
Hand protection	Gloves – BS EN374 – chemical protection: physical barrier protection only.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1. Information on basic physical and chemical properties</b>	
Appearance:	Solid granules
Odour:	not specified
pH:	ca.3.0 (1% Dilution in water)

# SAFETY INFORMATION SHEET

Date of Issue: February 2004  
Revision date: Dec 2020

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 information required.

## SECTION 10: STABILITY AND REACTIVITY

<b>10.1. Reactivity</b>	No test data specifically related to reactivity available for this product.
<b>10.2. Chemical stability</b>	Stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	Information not available.
<b>10.4. Conditions to avoid</b>	Extremes of temperature.
<b>10.5. Incompatible materials</b>	None known.
<b>10.6. Hazardous decomposition products</b>	Possible irritant fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity – oral

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

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 FeS04 (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'

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

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

**Skin sensitisation:** The product 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.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1. Toxicity</b>	The product has been classified as Harmful to aquatic life with lasting effects as part of the products evaluation under regulation 1107/2009.
<b>12.2. Persistence and degradability</b>	Information not available.
<b>12.3. Bioaccumulative potential</b>	Information not available.
<b>12.4. Mobility in soil</b>	Information not available.
<b>12.5. Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>12.6. Other adverse effects</b>	Information not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods** Use only licensed waste disposal companies. Do not re-use empty containers for any purpose.

## SECTION 14: TRANSPORT INFORMATION

<b>14.1. UN number</b>	Not classified as dangerous for transport.
<b>14.2. UN proper shipping name</b>	Not classified as dangerous for transport.
<b>14.3. Transport hazard class(es)</b>	Not classified as dangerous for transport.
<b>14.4. Packing group</b>	Not classified as dangerous for transport.



# SAFETY INFORMATION SHEET

Date of Issue: February 2004  
Revision date: Dec 2020

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| <b>14.5. Environmental hazards</b>   | Not classified as dangerous for transport.                       |
| <b>14.6. Special precautions for user</b>  | Not applicable.  |
| <b>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Applicable for Maritime bulk transport only. Check with carrier. |
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## SECTION 15: REGULATORY INFORMATION

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|---|---|
| <b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b> | This substance is classified and labelled in accordance with regulation 1272/2008 as amended. |
| <b>15.2. Chemical safety assessment</b>   | No chemical safety assessment has been carried out.   |
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## SECTION 16: OTHER INFORMATION

- |                                  |   |
|----------------------------------|---|
| <b>Reason for revision:</b>      | Replaces version dated February 2019. 1.4 Emergency contact amended.  |
| <b>Hazard statements in full</b> | H302 Harmful if swallowed.<br>H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H317: May cause an allergic skin reaction<br>H335: May cause respiratory irritation.<br>H411 Toxic to aquatic life with long lasting effects.  |
| <b>Disclaimer</b>                | 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.<br>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. |