



# SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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## ferromex moss killer

Revision 3

Revision date 2021-01-11

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name ferromex moss killer

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

Description Fertiliser.

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

Company	Omex Agriculture Ltd
Address	Bardney Airfield Tupholme Lincoln LN3 5TP United Kingdom
Web	www.omex.co.uk
Telephone	01526 396000
Fax	01526 396001
Email	enquire@omex.com
Email address of the competent person	Safety@omex.com

#### 1.4. Emergency telephone number

Emergency telephone number 01526 396000  
9 - 5 Mon - Fri

### SECTION 2: Hazards identification

#### 2.2. Label elements

Hazard Statement Skin Irrit. 2: H315 - Causes skin irritation.  
Eye Irrit. 2: H319 - Causes serious eye irritation.

#### 2.3. Other hazards

Other hazards None.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Iron (II) Sulphate Heptahydrate		7782-63-0	231-753-5		30 - 40%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319;
Urea		57-13-6	200-315-5	01-2119463277-33	1 - 10%	
Organic Acid		5949-29-1	201-069-1	01-2119457026-42	1 - 10%	Eye Irrit. 2: H319;

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**SECTION 4: First aid measures****4.1. Description of first aid measures**

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

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

Inhalation	Inhalation of vapour may cause shortness of breath. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water.
Skin contact	No sensitization effects reported. Wash with soap and water.
Ingestion	May cause irritation to mucous membranes.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Use extinguishing media appropriate to the surrounding fire conditions.
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**5.2. Special hazards arising from the substance or mixture**

	Burning produces irritating, toxic and obnoxious fumes.
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area.
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**6.2. Environmental precautions**

	Do not allow product to enter drains. Prevent further spillage if safe.
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**6.3. Methods and material for containment and cleaning up**

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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**6.4. Reference to other sections**

	See section 2, 8, 13 for further information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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**7.2. Conditions for safe storage, including any incompatibilities**

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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## 7.3. Specific end use(s)

For use as a mosskiller in professional and amenity turf.

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Aqueous solution
Colour	Green
Odour	Odourless
Odour threshold	Not applicable.
pH	1 - 2
Melting point	< -2 °C
Initial boiling point	> 100 °C
Flash point	Not applicable.
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.19 - 1.24 (H <sub>2</sub> O = 1 @ 20 °C)
Partition coefficient	No data available
Autoignition temperature	Not applicable.
Viscosity	No data available
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
Solubility	Soluble in water

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	Not applicable.

## Water solubility

Soluble in water.

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

Avoid contact with: Strong bases.

## 10.2. Chemical stability

Stable under normal conditions.

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## 10.3. Possibility of hazardous reactions

No data is available on this product.

## 10.4. Conditions to avoid

Burning produces obnoxious and irritating fumes.

## 10.5. Incompatible materials

Strong bases.

## 10.6. Hazardous decomposition products

No data is available on this product.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause sensitisation by inhalation.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
STOT-single exposure	No data is available on this product.
STOT-repeated exposure	No data is available on this product.

## 11.1.3. Hazard Information

No Significant Hazard.

## 11.1.4. Toxicological Information

Iron (II) Sulphate Heptahydrate	Oral Rat LD50: 500mg/kg	Oral Mouse LD50: 1.520mg/kg
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## SECTION 12: Ecological information

## 12.1. Toxicity

No data is available on this product.

## 12.2. Persistence and degradability

Readily biodegradable.

## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

ferromex moss killer	No data available	Iron (II) Sulphate Heptahydrate	Not applicable.
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## 12.4. Mobility in soil

Miscible in water.

## 12.5. Results of PBT and vPvB assessment

Caution - substance not yet fully tested.

## 12.6. Other adverse effects

May cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

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## General information

	Do not empty into drains; dispose of this material and its container in a safe way.
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## Disposal methods

	The product is classified as non hazardous.
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## Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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## SECTION 14: Transport information

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

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

Regulations	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. COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.

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**Further information**

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	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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