

THOMAS ELLIOTT FERTILISERS SAFETY INFORMATION SHEET

Date of Issue: February 2004

Revision: June 2011

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

Name of Product: ELLIOTT'S LAWN SAND, MOSS KILLER AND TURF HARDENER

MAFF Nos: 04860 04909 not applicable

Use of the Substance/Preparation: Moss control product

Manufacturer/Distributor: Thomas Elliott Limited
Selby Place
Stanley Industrial Estate
Skelmersdale
Lancashire WN8 8EF
Tel: +44 (0) 1522 811981 Fax: +44 (0) 1522 810238

Emergency Contact: Tel: +44 (0) 1522 811981 (Office Hours)

2. HAZARDS IDENTIFICATION

Classification: Not classified as hazardous for supply.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulation Type:

HAZARDOUS INGREDIENT	CAS No	EC No	WEIGHT, %	SYMBOL	RISK PHRASES
Ferrous sulphate	07782-63-0	231-753-5	14 to 43	Xn (Harmful)	R22

4. FIRST AID MEASURES

Skin Contact: Wash with plenty of soap and water. Remove and wash contaminated clothing.
Eye Contact: Wash out with water for several minutes. Seek medical advice if irritation persists.
Ingestion: Rinse out mouth (do not swallow) and give water or milk to drink. Seek medical attention if significant quantities are involved.
Inhalation: Remove to fresh air. Keep warm and at rest

5. FIRE FIGHTING MEASURES

Extinguishing Media: As appropriate for the surrounding fire.
Additional Information:
Special Protective Equipment: Use breathing apparatus, boots and PVC gloves. Toxic and corrosive fumes of oxides of sulphur and phosphorus may be produced.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing appropriate to the amount involved, which may include eye/face protection, PVC or synthetic rubber gloves, personal respiratory protection.
Environmental precautions: Do not allow to enter public sewers and watercourses. If this cannot be avoided, inform the authority.
Spillages: Sweep up and place into a suitable closed containers for disposal according to item 13.

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7. HANDLING & STORAGE

Handling: Minimise contact with skin. Do not breathe dust.
Storage: Store in a cool, dry place away from other fertilisers, food and feeding stuffs. Product may be hygroscopic and absorb moisture.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Where prolonged or repeated exposure is likely, protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves. Wear an approved dust respirator if airborne dust concentrations are liable to exceed limits. Wash hands and exposed skin before meals and after work. Do not eat, drink or smoke whilst handling the product.

EXPOSURE LIMITS – OES: 10 mg/m³ inhalable dust, 5 mg/m³ respirable dust.
1 mg/m³ ferrous sulphate (as Fe)
(HSE Guidance Note EH40)

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	pale brown/grey granules
Odour	none
pH	3-4 (10% in water)
Boiling point	decomposes
Melting point	>300°C
Flash point	not relevant
Auto-ignition temperature	not combustible
Explosive properties	not explosive
Oxidising properties	not oxidising
Vapour pressure	not applicable
Relative density	mixture
Bulk density	1000 - 1500kg/m ³
Viscosity	not relevant
Solubility	partially soluble in water
Partition coefficient	no data
Other data	

10. STABILITY & REACTIVITY

Stability: stable under normal conditions of use.
Conditions to Avoid: high temperatures, contact with combustible materials.
Materials to Avoid: strong oxidising agents, alkalis (may liberate ammonia).
Hazardous Decomposition Products:

11. TOXICOLOGICAL INFORMATION

LD₅₀ (rat, oral): > 3000 mg/kg (by calculation).

12. ECOLOGICAL INFORMATION

MOBILITY: mobile – soluble in water
DEGRADABILITY: partially degrades, part may be taken up by plants as nutrient. Ferrous Sulphate will oxidise and become fixed as insoluble oxide/hydroxide.
ACCUMULATION: no potential for bioaccumulation or biomagnification.
ECOTOXICITY: not significantly ecotoxic.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT: landfill or controlled incineration in accordance with

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local or national legislation.

DISPOSAL OF PACKAGING: cleaned packaging: as for product.

14. TRANSPORT INFORMATION

UN No: none assigned

Proper Shipping Name:

ADR/RID: not classified as hazardous

IMCO: not classified as hazardous

IATA/IACO: not classified as hazardous

PACKING GROUP:

LABEL: none

15. REGULATORY INFORMATION

CLASSIFICATION: Not classified as hazardous for supply.

LABEL INFORMATION: Refer to relevant legislation, such as the Health and Safety at Work Act etc (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the data of publication, but we cannot accept responsibility that is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

Abbreviations: OES – occupational exposure standard. STEL – short term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.

The classification of this preparation was carried out in accordance with directive 1999/45/EC and subsequent amendments modified by directive 2006/08/EC, taking account the directive 67/548/EC (Dangerous substances) modified by directive 2004/73/EC and Regulation (EC) 1907/2006 (REACH).