

**SAFETY DATA SHEET**

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

Product Name: **Greenmaster Autumn**  
Common Name of active ingredient(s): Ferrous sulphate

Intended Use: For use only as a Horticultural Turf Treatment; Mosskiller and Fertilizer  
Dilution: Ready to use at 35g/m<sup>2</sup>



For further information or in an emergency (24 hour service) contact: Le  
Ipswich, IP8 4BZ, England. Telephone: (01473) 830492

**Scotts UK Professional Paper Mill Lane Bramford  
Ipswich IP8 4BZ Tel: 01473 830492**

Date of Introduction: June 1986  
Date of change: Change of formulation from 6-4-12 to 6-5-10: September 19

**Fax: 01473 830386 Emergency Tel: 01865 407333**

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

SPEC. No.: 006299

Nitrogen-Phosphorus-Potassium (N-P-K)	6-5-10	
Ferrous sulphate	18.1% w/w	Active ingredient
Sand	14.0% w/w	Filler
Fertilizer salts		
Density adjuster		
Anti-caking agents		
Filler		

Occupational Exposure Standards:

Iron salts (as Fe):	8 hr TWA:	1 mg/m <sup>3</sup>
	STEL 15 min:	2 mg/m <sup>3</sup>
Sand (as for amorphous silica):		
total inhalable dust:	8 hr TWA:	6 mg/m <sup>3</sup>
respirable dust:	8 hr TWA:	3 mg/m <sup>3</sup>

**3. HAZARDS IDENTIFICATION**

Classification: None

Ingestion:	Low toxicity. May be slightly irritant locally.
Eye contact:	Low toxicity. May be slightly irritant locally.
Skin contact:	Low toxicity. May be slightly irritant locally.
Skin absorption:	Low toxicity. May be slightly irritant locally.
Inhalation:	Low toxicity. May be slightly irritant locally.

PRECAUTIONS (from the label): KEEP OFF SKIN. WASH HANDS BEFORE MEALS AND AFTER WORK. HARMFUL TO FISH OR AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container. KEEP IN ORIGINAL CONTAINER, tightly closed in a safe place. EMPTY CONTAINER COMPLETELY and dispose of safely

**4. FIRST AID MEASURES**

Ingestion:	Seek medical advice.
Eye Contact:	Irrigate with plenty of water immediately. Seek medical advice.
Skin Contact:	Non-hazardous - wash with plenty of water.
Inhalation:	Remove patient from area.

**5. FIRE FIGHTING MEASURES**

Prevent contamination of waterways, sewers etc. May produce fumes if heated to decomposition. Do not breathe fumes. Drench packs with water if exposed to fire.

**6. ACCIDENTAL RELEASE MEASURES**

Wearing protective clothing detailed in Section 8: Collect up and dispose of safely. Wash hands after dealing with spillage. Report to water authority if material enters a water-course or sewer.

**7. HANDLING AND STORAGE**

Store in dry building on a dry base. Unopened packs may be stored outside on duckboards if securely sheeted over. Close partly used packs.

Shelf life:	At least 2 years
Product Packaging:	25 kg low density polyethylene sacks.
Special Precautions:	None

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**  
For normal use: None required - gloves may be worn for personal hygiene if desired  
In case of accidental spillage of bulk product or in experimental use: Coverall, faceshield (BS 2092 G1), dust respirator providing a minimum protection factor of 10 which has HSE type approval, nitrile gloves and rubber boots.

9. **PHYSICAL AND CHEMICAL PROPERTIES**  
Physical Nature: Mini granules  
Appearance/Odour: Grey/brown free flowing mini-granules  
Water Solubility: Partially soluble  
Bulk Density: 650 g/l  
Flammability: Non-combustible

10. **STABILITY AND REACTIVITY**  
Stability (normal conditions): Stable  
Conditions to avoid: Contact with alkali  
Incompatible with: Alkali  
Hazardous decomposition products: Ammonia

11. **TOXICOLOGICAL INFORMATION**  
LD<sub>50</sub>: Ferrous sulphate: 750 mg/kg, oral rat  
Source: Yeary, RA et al, Journal of Pediatrics 69, 663-667 (1966)

12. **ECOLOGICAL INFORMATION**  
Non toxic to earthworms.  
  
From label:  
HARMFUL TO FISH OR AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

13. **DISPOSAL CONSIDERATIONS**  
User: Via local authority or authorised waste disposal contractor.  
Surplus Bulk Product/Spillage: Via local authority or authorised waste disposal contractor.

14. **TRANSPORT INFORMATION**  
Not classified as dangerous for transport.  
UN No: Does not apply  
Class No: Does not apply

15. **REGULATORY INFORMATION**  
CAS No: Ferrous sulphate: 7720-78-7  
Country: UK UK Ireland  
Registration number: 07508 03211 90714

16. **OTHER INFORMATION:**  
For further advice authorised persons may contact a National Poisons Information Service Centre:

Belfast	01232 240503
Birmingham	0121 507 5588 or 0121 507 5589
Cardiff	01222 709901
Dublin	00 3531 8379964 or 00 3531 8379966
Edinburgh	0131 5362300 or 0131 5361000
Leeds	01132 430715 or 01132 923547
London	0171 635 9191
Newcastle	0191 232 5131

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