

SAFETY DATA SHEET



Product Name: MIRACLE-GRO LIQUID ERICACEOUS PLANT FOOD		Reference No: 333
Version No.: 1	Revision Date: N/A	Date of Introduction: September 2002

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name	MIRACLE-GRO LIQUID ERICACEOUS PLANT FOOD	
Common name of active ingredient	Solution of fertiliser salts	
Intended use	Liquid Fertiliser	
Company Identification	Consumer Business Group The Scotts Company (UK) Limited Salisbury House Weyside Park, Catteshall Lane Godalming, Surrey GU7 1XE Telephone +44 (0) 1483 410210	
Emergency Telephone	01865 407333 (24hr)	

2. COMPOSITION / INFORMATION ON INGREDIENTS

JBA No: 020313				
NPK: 8-2-2				
Chemical Characterisation				
<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration</u>
Mixture of fertiliser salts	-	-	-	-

3. HAZARDS IDENTIFICATION

Physicochemical:	NOT CLASSIFIED
Health:	NOT CLASSIFIED
General	
Ingestion	Unlikely to produce problems.
Eye contact	Non-irritant.
Skin contact	Non-irritant.
Inhalation	Unlikely to product problems.
Environmental:	MAY BE HARMFUL TO FISH OR OTHER AQUATIC ORGANISMS IN LARGE QUANTITIES.

4. FIRST AID MEASURES

General information	
Inhalation	Unlikely to cause a problem.
Skin contact	Immediately irrigate skin with water.
Eye contact	Immediately irrigate eyes with water.
Ingestion	Accidental ingestion is unlikely to cause significant toxicity. Patients who ingest the formulation deliberately should be referred for medical assessment. Do not induce vomiting.

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5. FIRE FIGHTING MEASURES

General hazard	Keep containers cool by spraying with water if exposed to fire. Prevent fire water run-off from entering drains or water courses.
Extinguishing media	Compatible with all extinguishing media.
Extinguishing media to avoid	Strong water jet.
Special exposure hazards	Combustion or thermal decomposition may evolve toxic or irritant vapours.
Protective equipment	Wear suitable protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Cover spillage with sand, earth or any suitable inert material. Transfer to a container for disposal (see also section 13). Wash the spillage area with water.
Environmental considerations	Washings must be prevented from entering surface water drains.

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice.
Storage conditions	Protect from frost.
Shelf life	2 years

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) controls. LTEL (8 hour TWA): No data available for the product. STEL (15 min): No data available for the product.
Engineering controls	Ensure adequate ventilation of working area.
Personal protection	Observe normal standards for handling chemicals. Wash hands before breaks and after use. Personal protective equipment is not normally required – gloves can be worn for personal hygiene. In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)
Eye protection	Faceshield, BSEN1663F.
Skin protection	Nitrile gloves
Respiratory protection	Respirator, EN149:2001FFP2, if ventilation is insufficient.
Other protection	Protective overall and rubber boots.

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9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Aqueous concentrate
Colour	Dark brown
Odour	Not available
pH	4-7
Boiling pt / range	>100°C
Melting pt / range	~0°C
Flash point	None (aqueous solution)
Autoflammability	Non-flammable
Bulk density	Approximately 1.1
Viscosity	Not applicable
Water solubility	Miscible
Additional information	None

10. STABILITY & REACTIVITY

Stability	Stable under normal conditions
Conditions to avoid	None known
Material to avoid	None known
Hazardous reactions	None known
Hazardous decomposition products	Combustion or thermal decomposition may evolve toxic and irritant vapours.
Further information	None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD ₅₀	No data available for the product
	Dermal LD ₅₀	No data available for the product
	Inhalation LD ₅₀	No data available for the product
Dermal compatibility	No data available for the product	
Eye/respiratory tract compatibility	No data available for the product	
Further information	None.	

12. ECOLOGICAL INFORMATION

Acute toxicity	No data available
Degradability	No data available
Further information	Do not allow to get into waste water or waterways. Evaluate any contaminated material accordingly.

13. DISPOSAL CONSIDERATIONS

Advice on disposal	Place empty container in domestic refuse.
Surplus bulk product / spillage	Via local authority or authorised waste disposal contractor.

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14. TRANSPORT INFORMATION

United Nations number Not classified for transport

15. REGULATORY INFORMATION

Classification & labelling Not classified.

Risk phrases Not applicable

Safety phrases /
precautions from the
label. Not applicable

16. OTHER INFORMATION

Risk phrases referred to in section 2 for composite ingredients.
Not applicable

Further information For further advice authorised persons (e.g. doctor) may contact the National Poisons Information Service Centre:
UK National number: 0870 600 6266
Eire (Dublin) 00 3531 837 9964 or 00 3531 837 9966

Sources of data EH40/2002 and other suppliers' safety data sheets

Date of issue 14 November 2002

The information on this sheet is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product.

It is not applicable to unusual or non standard uses of the product nor where instructions or recommendations are not followed.