

# 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** **Telephone +44 (0) 1483 410210**  
**Godalming, Surrey GU7 1XE**  
**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.

Product Name: **MIRACLE-GRO LIQUID ERICACEOUS  
PLANT FOOD**

Reference No: 333

## 5. FIRE FIGHTING MEASURES

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

## 6. ACCIDENTAL RELEASE MEASURES

<b>Methods for cleaning up</b>	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.
<b>Environmental considerations</b>	Washings must be prevented from entering surface water drains.

## 7. HANDLING & STORAGE

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure controls</b>	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.
<b>Engineering controls</b>	Ensure adequate ventilation of working area.
<b>Personal protection</b>	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. <b>In case of accidental spillage of bulk product, wear personal protective equipment appropriate to the task (see below)</b>
<b>Eye protection</b>	Faceshield, BSEN1663F.
<b>Skin protection</b>	Nitrile gloves
<b>Respiratory protection</b>	Respirator, EN149:2001FFP2, if ventilation is insufficient.
<b>Other protection</b>	Protective overall and rubber boots.

**Product Name: MIRACLE-GRO LIQUID ERICACEOUS  
PLANT FOOD**

**Reference No: 333**

## 9. PHYSICAL & CHEMICAL PROPERTIES

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

## 10. STABILITY & REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

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

## 13. DISPOSAL CONSIDERATIONS

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

**Product Name: MIRACLE-GRO LIQUID ERICACEOUS  
PLANT FOOD**

**Reference No: 333**

#### **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.**