

Product Safety Data Sheet

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

Product range: 'Miracle-Gro' water soluble fertilizers

Company: Miracle Garden Care
Salisbury House
Weyside Park
Catteshall Lane
Godalming
Surrey GU7 1XE

Phone number: 01483 410210

Emergency phone: 01865 407333

2. COMPOSITION/INFORMATION ON INGREDIENTS

Miracle-Gro General Purpose Feed, N P K (15 30 15)

Miracle-Gro Tomato Booster, N P K (14 14 28)

Miracle-Gro Lawn Food, N P K (36 6 6)

Crystalline material containing ammonium, phosphate and potassium salts with chelated trace elements.

Classification: Non pesticide

Hazardous ingredient(s)	CAS No.	g/l	Symbol	R Phrases
Contains no Hazardous Ingredients (91/155/EEC)				

3. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use.

4. FIRST-AID MEASURES

Inhalation Unlikely to cause harmful effects.

Skin Contact Take off contaminated clothing. Wash skin with soap and water. Contaminated clothing should be laundered before re-use.

Eye Contact Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 5 minutes. Obtain medical attention if irritation persists.

Ingestion If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible. *Do not induce vomiting.*

Medical Advice: Symptomatic treatment and supportive therapy as indicated.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Small fires: use foam, carbon dioxide or dry powder extinguishant.

Large fires: use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

Protective Equipment:

Self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure suitable personal protection during removal of spillages. This means wearing face protection against dust, eye protection, chemically resistant gloves, boots and coveralls.

Clean up methods: Cover spillages with sand, earth or any suitable inert material. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.

7. HANDLING AND STORAGE

7.1 Handling

Read the label before use. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Do not contaminate food. Wash face and hands before eating, drinking or smoking.

7.2 Storage

Keep in original container, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs. Protect from excesses of temperature.

Storage Life: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION					
Not required when used as directed on the product label.					
Occupational Exposure Limits:		LTEL 8hr TWA		STEL	Time
HAZARDOUS INGREDIENT(S)	ppm	mg/m³	ppm	mg/m³	min
No Occupational Exposure Limit Assigned					
9. PHYSICAL AND CHEMICAL PROPERTIES					
Form:	granular crystals	Colour:	blue/green or red		
Odour:	odourless	pH (Value)	not available		
Boiling point (°C):	not applicable	Melting point (°C):	not available		
Auto Ignition Temp (°C):	not available	Flash Point (°C):	not available		
Explosive Properties:	not applicable	Oxidising Properties:	not applicable		
Vapour Pressure (mm Hg):	not available	Flammable Limits:	not available		
Density (g/ml):	not available	Solubility (water)	soluble		
Partition Coefficient:	not available				
10. STABILITY AND REACTIVITY					
Hazardous Reactions:	Soluble fertilizers are normally mildly corrosive if left in contact with ferrous metal.				
Hazardous Decomposition Product(s):	Combustion or thermal decomposition will evolve toxic and irritant vapours.				
11. TOXICOLOGICAL INFORMATION					
Inhalation:	Unlikely to cause harmful effects under normal conditions of handling and use.				
Skin Contact:	Unlikely to cause skin irritation. Unlikely to cause skin sensitisation.				
Eye Contact:	Unlikely to cause eye irritation.				
Ingestion:	The swallowing of small amounts is unlikely to cause any adverse effects.				
12. ECOLOGICAL INFORMATION					
Toxicity:	Large quantities in water may upset ecological balance. May be harmful to fish and other aquatic organisms in large quantities.				
13. DISPOSAL CONSIDERATIONS					
Empty packaging should be sealed and put in the rubbish bin. Do not contaminate ponds, waterways or ditches with chemical or used packaging.					
Disposal should be in accordance with local or national legislation.					
14. TRANSPORT INFORMATION					
Not classified as Dangerous for Transport.					
15. REGULATORY INFORMATION					
Not classified as Dangerous for Supply/User.					
16. OTHER INFORMATION					
Products packed in polyethylene sachets in 200, 500, 1000, 2000 gm cardboard cartons , polyethylene sachets in 1.5 HDPE tubs and 500 g in a No-Clog Feeder.					
This data sheet was prepared in accordance with Directives 91/155/EEC and 93/112/EC.					
Use: For use as a soluble garden fertilizer.					
Miracle-Gro is a trade mark of Stern's Nurseries, Inc.					
The information on this sheet is not a specification, 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.					