

# Product Safety Data Sheet

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

**Product name:** "Lawn Builder" plus Weed Control  
**MAFF No:** 07936

**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

A combined fertilizer/herbicide granule. Contains N P K (22:5:5) with 2,4-D and dicamba as their alkylamine salts.

**HAZARD SYMBOL(S):** None

Hazardous ingredient(s)	CAS No.	% (w/w)	Symbol	R Phrases
Salts and esters of 2,4-D	-	0.8	Xn	R20/21/22
Salts of dicamba	-	0.12	Xn	R20/21/22

## 3. HAZARDS IDENTIFICATION

Eye contact with contents may cause irritation.

## 4. FIRST-AID MEASURES

**Inhalation:** Remove patient from exposure. keep warm and at rest. Obtain medical attention as a precaution.

**Skin Contact:** Take off all 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 15 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

Keep fire exposed containers cool by spraying with water.

### 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 a face mask that gives protection against toxic dusts, eye protection, chemically resistant gloves, boots and coveralls.

**Clean up methods:** Cover spillage with moist sand, soil or sawdust. Protect against dust. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.

Spillages or uncontrolled discharge into water courses must be alerted to the appropriate regulatory body.

## 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. 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 frost.

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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Personal protection:** Not required when used as directed on the product label.

**Occupational Exposure Limits:** Not applicable to field use.

Hazardous ingredient(s)	LTEL 8hr TWA		STEL		Time min	OES OES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>		
2,4-D (2,4-dichlorophenoxy acetic acid)	10		20	10		
nuisance dust	10					

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	granules	Colour:	grey
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):	does not flash
Explosive Properties:	not applicable	Oxidising Properties:	not applicable
Vapour Pressure (mm Hg):	not available	Solubility (Water):	soluble
Partition Coefficient:	not available	Bulk Density (g/ml):	0.6

**10. STABILITY AND REACTIVITY**

**Hazardous Reactions:** Mildly corrosive if left in contact with ferrous metals.

**Hazardous Decomposition Product(s):** Combustion or thermal decomposition will evolve toxic and irritant vapours.

**11. TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	Unlikely to cause harmful effects under normal conditions of handling and use.
<b>Skin Contact:</b>	Unlikely to be irritant or harmful in contact with skin.
<b>Eye Contact:</b>	Unlikely to cause eye irritation.
<b>Ingestion:</b>	Low oral toxicity. Oral Median Lethal Dose (calculated) >2000 mg/kg (rat)

**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 containers should not be used for other purposes. Do not contaminate ponds, waterways or ditches with chemical or used containers. Single empty containers should be sealed and put into a rubbish bin.  
Disposal should be in accordance with local or national legislation.

**14. TRANSPORT INFORMATION**

Not classified as Dangerous for Transport.

**15. REGULATORY INFORMATION**

**Classification:** Under the Classification, Packaging and Labelling of Dangerous Substances Regs, 1984, this material is not dangerous for supply or conveyance.

<b>Safety Phrases</b>	S2	Keep out of reach of children.
	SO53	Do not reuse container. keep tightly closed in a safe place.
	SO54	See instructions for use supplied separately.
	DO1	Wash substances from skin or eyes immediately.

This product has been labelled in accordance with the Control of Pesticides Regulations, 1986. Users should ensure that they comply with any relevant local or national legislation.

The (COSHH) Control of Substances Hazardous to Health Regulations 1994 may apply to the use of this product at work.

**16. OTHER INFORMATION**

This product was previously marketed by O.M. Scott (MAFF 06343).

This data sheet was prepared in accordance with Directives 91/155/EEC and 93/112/EC.

Product packed in paperboard/polyethylene carton (2.00 kg) and paperboard/polyethylene multi-layer bags (5 and 8 kg).

Use: For use on lawns as a combined fertilizer and weedkiller.

'Lawn Builder' is a trade mark of OM Scotts Ltd

Miracle Garden Care Limited are the distributors for OM Scotts garden product range in the UK.

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.