

# SAFETY DATA SHEET

## Sierrablen® Flora 15-09-09+3MgO (12/14months).

Conforms to 93/112/EC and ISO 11014-1

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

**Product name** : Sierrablen® Flora 15-09-09+3MgO (12/14months).  
**Item number** : 86670101\*.  
**Manufacturer/Supplier** : Scotts International B.V.  
Nijverheidsweg 1-5  
6422 PD Heerlen  
The Netherlands.  
**Emergency telephone number** : As long as no emergency telephone number is available in Europe, please contact in case of an emergency: ++31 455609100. UK: 01865 407333

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/preparation** : Preparation.

#### Information on hazardous ingredients

Chemical name	CAS No.	%	EC Number	Symbol	R-Phrases
Ammoniumnitrate, NH <sub>4</sub> NO <sub>3</sub> .	6484-52-2	34.38	229-347-8	O	08
Potassiumnitrate, KNO <sub>3</sub>	7757-79-1	19.22	231-81-88	O	08
Magnesiumoxide (MgO)	1309-48-4	3.45	215-171-9	-	-

**Occupational Exposure Limit(s), if available, are listed in section 8**

### 3. HAZARDS IDENTIFICATION

**Physical/chemical hazards** : Decomposes upon heating. Not flammable.  
**Human health hazards** : Not harmful. No effects or symptoms occur.  
**Environmental hazards** : May cause eutrophication.

### 4. FIRST-AID MEASURES

#### Effects and symptoms

**Inhalation** : Possible symptoms are coughing and/or dyspnoea  
**Ingestion** : No effects or symptoms occur.  
**Skin contact** : No effects or symptoms occur.  
**Eye contact** : May be irritating to eyes.  
**Aggravating conditions** : No effects or symptoms occur.

#### First-aid measures

**Inhalation** : Dusty conditions are unlikely if product is used as intended and product-coating remains intact. However, if prolonged inhalation of dust occurs, remove victim to fresh air. Consult a doctor in the event of any complaints.  
**Ingestion** : Wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Make victim drink plenty of water. Consult a doctor in the event of any complaints.  
**Skin contact** : Wash off with water and soap. Consult a doctor in the event of any complaints.  
**Eye contact** : Wash out with water. Consult a doctor in the event of any complaints.

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### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable** : Water, water spray.
- Special fire-fighting procedures** : In case of fire and/or explosion do not breathe fumes. Evacuate all personnel to a safe area. Cool exposed containers with water spray.
- Unusual fire/explosion hazards** : Product smoulders! In case of fire, cool with water or waterspray.
- Hazardous thermal (de)composition products** : Nitrogen oxides, ammonia and carbon dioxide.
- Protection of fire-fighters** : Use appropriate protection. In case of insufficient ventilation, wear suitable respiratory equipment.

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Gloves are recommended. Respiratory protection is not required if good ventilation is maintained.
- Environmental precautions** : Not applicable.
- Methods for cleaning up** : Collect spilled material. Wash away remainder with plenty of water.

### 7. HANDLING AND STORAGE

- Handling** : Gloves are recommended. Prevent formation of clouds of dust.
- Storage** : Keep away from food, drink and animal feedingstuffs. Keep away from combustible material. Keep out of the reach of children.
- Packaging materials**
- Suitable** : Paperbags or Bulk.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Hygiene measures** : When using do not eat, drink or smoke. Follow good housekeeping practices. Wash hands thoroughly after handling.
- Occupational Exposure Limits**
- Chemical name** : **OEL (United Kingdom)**  
Magnesiumoxide (MgO) : 10 mg/m<sup>3</sup>.
- Personal protective equipment** : No specific personal protection equipment is required.
- Other information** : TWA (Total dust): 10 mg/m<sup>3</sup>.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Resin Coated Granules.
- Colour** : Brownish and grey.
- Odour** : Odourless.

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**Bulk density** : 1050-1100 kg/m<sup>3</sup>.  
**Solubility in water** : Coating not soluble, release nutrients through coating.

### 10. STABILITY AND REACTIVITY

**Stability** : Stable under normal conditions.  
**Conditions to avoid** : Keep away from heat. Keep away from combustible material.  
**Hazardous reactions** : Heating may cause deflagration.  
**Hazardous decomposition products** : Nitrogen oxides, ammonia and carbon dioxide.

### 11. TOXICOLOGICAL INFORMATION

No toxicological information is available.

### 12. ECOLOGICAL INFORMATION

No ecological information is available.

### 13. DISPOSAL CONSIDERATIONS

**Methods of disposal** : Use up product completely. Packaging material is industrial waste.  
Disposal according to the local legislation.

### 14. TRANSPORT INFORMATION

#### International transport regulations

**Land - Road/Railway** : This product is not classified according to ADR/RID.

**Inland waterways** : This product is not classified according to ADN.

**Sea** : This product is not classified according to IMDG.

**Air** : This product is not classified according to IATA.

#### National transport regulations

**United Kingdom** : No additional national transport regulations are known to the supplier.

### 15. REGULATORY INFORMATION

**Classification** : This product does not have to be classified according to the EU regulations (67/548/EEC-88/379/EEC).

#### National regulations

**United Kingdom** : No additional national regulations are known to the supplier

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### 16. OTHER INFORMATION

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**Prepared by** : Technology Department.