



MSDS COMPLETED: 20<sup>TH</sup> JANUARY 2016

REVISION: VERSION 01

SUPERSEDES MSDS DATED: (N/A)

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## SAFETY DATA SHEET

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

#### 1.1 Product Identifier:

## Sinclair Garden Lime

#### 1.2 Relevant uses of the substance or mixture and uses advised against:

Supplied for use as a horticultural/amenity fertiliser and soil balance

#### 1.3 Details of the supplier of the safety data sheet:

Westland Horticulture Ltd  
Alconbury  
Huntingdon  
PE28 4HY

Sinclair Pro is a subsidiary of Westland Horticulture

**Contact: The Safety Officer**

**Phone number: +44 (0)1480 443789**

**Website: <http://www.gardenhealth.com/about-westland/contact>**

#### 1.3 Emergency phone number

**Phone number: 01480 443789**

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### 2. Hazards Identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)**

This mixture is not classified as dangerous to humans or the environment

**Classification according to 67/548/EEC (EU-DSD)**

This mixture is not classified as dangerous to humans or the environment

#### Primary Hazard

None

#### 2.2 Label Elements

There are no statutory labelling requirements under Directive 1999/45/EC, regulation 1272/2008 and regulation 453/2012.

#### 2.3 Other Hazards

Mixture not classed as PBT or vPvB

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No EC No	% (w/w)	EU Classification (67/548/EEC)	CLP/CHS Classification (1272/2008)
Limestone	1317-65-3 215-279-6	>= 85 - < 100	Not classified as dangerous	Not classified as hazardous

## GARDEN LIME

### 4. FIRST AID MEASURES

#### **4.1 Description of first aid measures**

##### **4.1.1 Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms appear.

##### **4.1.2 Skin & Eye exposure**

Skin Wash exposed skin with soap and water. Get medical attention if irritation develops.

Eyes In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, remove contact lenses. Get medical attention if irritation occurs.

##### **4.1.3 Ingestion**

Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Clean mouth with water and afterwards drink plenty of water

#### **4.2 Most important symptoms and effects, both acute and delayed**

None known

#### **4.3 Indication of any immediate medical attention and special treatment needed.**

Treat symptomatically..

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### 5. FIRE-FIGHTING MEASURES

#### **5.1 Extinguishing media**

The product is not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### **5.2 Special Hazards arising from the substance or mixture**

None known

#### **5.3 Advice for fire-fighters**

Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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### 6. ACCIDENTAL RELEASE MEASURES

#### **6.1 Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Avoid breathing dust. Wear eye protection and gloves

#### **6.2 Environmental Precautions**

No special environmental precautions required

#### **6.3 Methods and material for containment and cleaning up**

Sweep up and shovel into suitable containers for disposal.

#### **6.4 Reference to other sections**

Refer to Section 8 for personal protective equipment

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### 7. HANDLING AND STORAGE

#### **7.1 Precaution for safe handling**

Keep container closed. Use only with adequate ventilation. Avoid breathing dust. Avoid contact with skin and eyes. Wash thoroughly after handling.

#### **7.2 Conditions for safe storage, including any incompatibilities**

Keep in a dry place. Do not store near acids.

#### **7.3 Specific end use(s)**

No Information available

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **8.1 Control Parameters**

Components	CAS-No	Value type (form of exposure)	Control Parameters	Basis
Limestone	1317-65-3	TWA (Inhalable)	10 mg m <sup>-3</sup>	EH40
		TWA (respirable dust)	4 mg m <sup>-3</sup>	EH40

#### **8.2 Exposure controls**

Appropriate Engineering Controls:  
Provide adequate ventilation

Personal Protective Measurers

## GARDEN LIME

Eye/face Protection: Avoid contact with eyes. Safety Glasses

Skin Protection: Avoid contact with skin. Wear suitable protective clothing.

Hands: Wear gloves that cannot be penetrated by chemicals or oil

Respiratory Protection: Wear a FFP 1 Dust Mask

Hygiene Measures: Wash exposed skin after handling. Do not eat and drink when handling

### 8.2.3 Environmental Exposure Controls

Do not let product enter the drains

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance: off white powder

Odour: Very faint

Odour Threshold: None

pH: 8.5 – 9.5 100 g/l (20 °C) DIN ISO 787/9

Melting/Freezing Point: > 800 °C

Flash Point: Not applicable

Bulk Density: 1340 Kg m<sup>-3</sup>

Water Solubility: 0.014 g/l @ 20 °C

Auto Ignition Temperature > 600 °C

Explosive Properties Not explosive

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Not reactive under normal handling and storage

### 10.2 Chemical Stability

Stable under normal conditions

### 10.3 Possibility of hazardous reactions

No specific hazardous reactions known.

### 10.4 Conditions to avoid

Not known

### 10.5 Incompatible materials

Acids

### 10.6 Hazardous decomposition

Carbon Dioxide

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute Oral Toxicity:	LD50 > 5 g / Kg (Rat)
Acute Inhalation Toxicity	Not Known
Acute Dermal Toxicity	LD50 > 5 g / Kg (Rat)
Skin corrosion / irritation	No irritation
Serious eye damage / irritation	Not classified
Respiratory or skin sensitisation	Not classified
Carcinogenicity	Information not available
Reproductive Toxicity	Information not available

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## 12. ECOLOGICAL INFORMATION

## GARDEN LIME

### 12.1 Toxicity

#### Toxicity to Fish

LC50: >10000 mg/l 96h (Oncorhynchus mykiss Rainbow trout)

#### Toxicity to Aquatic Invertebrates

LC50: 1000 mg/l / 48 h(Daphnia)

#### Toxicity to Algae

EC50: >200 mg/l / 18 D(Chlorella vulgaris)

### 12.2 Persistence and degradability

Biodegradability: Not Applicable

### 12.3 Bioaccumulative potential

Not Applicable

### 12.4 Mobility in soil

Not Applicable

### 12.5 Results of PBT and vPvB

Not classified

### 12.6 Other adverse effects

None known

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Dispose of in accordance with all applicable local and national regulations.

## 14. TRANSPORT INFORMATION

**14.1 UN number:** Product is unclassified for transport

**14.2 UN proper shipping name:** Product is unclassified for transport

**14.3 Transport hazard** Product is unclassified for transport

**14.4 Packing group:** Product is unclassified for transport

**14.5 Environmental hazards:** Product is unclassified for transport

**14.6 Special precautions for user:** No information available

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

Applicable for Maritime bulk transport only. Check with carrier.

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## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

This substance is classified and labelled in accordance with regulation 1999/45/EC, 1272/2008, the statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulations and the EC Fertiliser Regulations 2003, Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC)

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## 16. OTHER INFORMATION

### SDS information:

This Safety data sheet is compiled using data submitted for raw materials and practical experience. This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, regulation 1272/2008 and Annex I of the REACH regulation 453/2010.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.

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