



**Safety Data Sheet**  
**ROOT!T Rooting Gel**

**Date: 30.12.2015**  
**Revision Date: N/A**  
**Version: 1**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product Identifier**

**Substance or preparation trade name:** ROOT!T Rooting Gel  
**REACH Registered number(s):** N/A  
**CAS number:** N/A  
**EINECS number:** N/A  
**Synonyms:** N/A

**1.2 Relevant identified use of the substance or mixture and uses advised**

**Use of substance/mixture:** Rooting Gel helps with the natural root development of cuttings. The gel is used directly in the central cavity of the plug. The gel forms a seal around the cut surface, aiding uptake and preventing dehydration and infection. Use with rooting sponges, stonewool plugs, peat plugs, coco coir plugs/fibre or compost. Contains a balanced vitamin and mineral blend to support successful cutting development.

**1.3 Company/undertaking name and address:**

**Company Name:** Hydrogarden Wholesales Ltd  
Unit 2 Progress Way  
Binley  
Coventry  
CV3 2NT  
Telephone: +44(0)2476 651500  
Fax: +44(0) 2476 651060  
E-mail: [info@hydrogarden.co.uk](mailto:info@hydrogarden.co.uk)

**1.4 Emergency telephone number:**

**Emergency telephone number:** +44 (0) 2476651500

**Opening hours:** 8.30am -5.00pm Mon-Thurs, 8.30am - 4.00pm Fri.

## **SECTION 2: Hazards Identification**

### **2.1 Classification of the substance or mixture**

#### **2.1.1 classification according to Regulation (EC) No 1272/2008 (CLP):**

Non Hazardous

#### **2.1.2 Classification according to Directive 67/548/EEC ( See SECTION 16 for full text of risk phrases)**

does not meet the criteria for classification in accordance with Directive 67/548/EEC

#### **2.1.3 Additional information:**

For full text of R-phrases and Hazard and EU hazard statements see SECTION 16.

### **2.2 Label Elements**

**Label elements under CLP:** None

**Hazard Statements:** N/A

**Signal Words:** N/A

**Hazard Pictograms:** N/A

**Precautionary Statements:** N/A

### **2.3 Other Hazards**

**Supplemental hazard information:** Not applicable

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**Substance or preparation trade name:** Root!T Rooting Gel.

**Description of the mixture:** water based Silicate Gel with traces of inorganic and organic metallic salts

**Hazardous Ingredients:** None

## SECTION 4: First Aid Measures

### 4.1 Description of first aid measures

**General notes:**

**Following Skin contact:** IMMEDIATELY IRRIGATE WITH CLEAN WATER. If irritation persists seek medical attention.

**Following Eye contact:** IMMEDIATELY IRRIGATE WITH EYEWASH OR CLEAN WATER FOR 15 MINS. Cold water must be used. Seek medical aid.

**Following Ingestion:** SEEK MEDICAL ATTENTION DISPLAY LABEL WHERE POSSIBLE. Never give anything by mouth to unconscious person. Do not induce vomiting.

**Self –protection of the first aider:** No special protection required. Advise to wear gloves to avoid skin contact whilst treating patient.

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

**Delayed/immediate effects:** No known effects.

### 4.3 Indication of any immediate medical attention/special treatment

**Immediate/special treatment:** See first aid treatment in section 4.1. No special treatment required.

## SECTION 5: Fire fighting measures

**Extinguishing media:** Product not flammable. Use correct extinguishing media for surrounding material.

#### 5.1 Extinguishing media

**Unsuitable extinguishing media:** not applicable

#### 5.2 Special hazards arising from the substance or mixture

**Exposure Hazards:** no specific information.

#### 5.3 Advice for fire-fighters

**Advice for fire-fighters:** no information.

### SECTION 6: Accidental release measures

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

**6.1.1 for non-emergency personnel:**

**Personal Precautions:** ensure gloves and goggles are worn during clean up.

**Protective equipment:** gloves and goggles.

**Emergency procedures:** do not allow the liquid to enter drains or water courses.

**6.1.2 for emergency responders:**

**Advice for fire fighters:** none

#### 6.2 Environmental precautions

**Environmental precautions:** do not allow the liquid to enter drains or water courses.

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

**6.3.1 Methods for spill containment:** Store in a bunded area, cover nearby drains.

**6.3.2 Clean-up procedures:** Absorb onto sand, earth or other suitable absorbent material.

#### 6.4 References to other sections

**Reference to other sections:** refer to section 8 of SDS.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

**Protective measures:** wear gloves and goggles in case of splashes

**Measures to prevent fire:** not applicable

**Measures to prevent aerosol and dust generation:** not applicable

**Measures to protect the environment:** do not allow to enter drains or water courses.

**Advice on general occupational hygiene:** prevent contact with eyes, skin and clothing. Wash hands after handling.

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

**Storage conditions:** store between 5-25°C and away from direct sunlight. Keep out of reach of children.

**Suitable packaging:** store in original packaging only.

**Storage class:** n/a

**Further information on storage conditions:** none

#### 7.3 Specific end use(s)

**Recommendations:** Place the gel directly in the central cavity of the plug. The gel forms a seal around the cut surface, aiding uptake and preventing dehydration and infection. Use with rooting sponges, stonewool plugs, peat plugs, coco coir plugs/fibre or compost.

### SECTION 8: Exposure controls/personal protection

## 8.1 Control Parameters

Employ good industrial hygiene practice.

**Hazardous ingredients:** no hazardous ingredients

**Workplace exposure limits:** n/a

## 8.2 Exposure controls

**8.2.1 Engineering measures:** none required

**Mixture related measures to prevent exposure during identified uses:** n/a

**8.2.2 Personal protective equipment:**

**Respiratory protection:** not applicable

**Hand protection:** gloves

**Eye protection:** safety glasses or goggles

**Skin protection:** gloves/long sleeves

**8.2.3 Environmental exposure controls:** do not allow spills to enter drains. Use bunding or store away from drains.

**Mixture related measures to prevent exposure:** no specific measures for mixtures.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** clear gel

**State:** gel/liquid

**Odour:** none

**pH:** unknown

**Melting/freezing point:** unknown

**Boiling point:** unknown

**Flash point:** unknown

**Evaporation rate:** unknown

**Flammability:** not flammable

**Vapour pressure:** unknown

**Vapour density:** unknown

**Relative density:** 1.0 g/cm<sup>3</sup>

**Viscosity:** unknown

**Oxidising properties:** unknown

**Explosive properties:** unknown

**Solubility in water:** soluble

## 9.2 Other information

**Other information:** None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

**Reactivity:** no data available.

### 10.2 Chemical stability

**Chemical stability:** Under storage at normal ambient temperatures (7-30°C) the product is stable.

### 10.3 Possibility of hazardous reactions

**Hazardous reactions:** strong mineral acids could decompose the product and produce lithium salts.

### 10.4 Conditions to avoid

**Conditions to avoid:** Low or high temperatures may impair the product. Store between 5-25°C and out of direct sunlight. Avoid mineral acids.

### 10.5 Incompatible materials

**Materials to avoid:** Avoid mineral acids.

## 10.6 Hazardous decomposition products

**Hazardous decomposition products:** unknown

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute Toxicity:** no toxic effects

**Irritation:** not toxic, irritation may occur

**Corrosivity:** no toxic effects

**Sensitization:** not toxic, irritation may occur

**Repeated dose toxicity:** no toxic effects

**Mutagenicity:** no toxic effects

**Carcinogenicity:** no toxic effects

**Reproductive toxicity:** not a known reproductive toxin.

## SECTION 12: Ecological information

### 12.1 Toxicity

**Ecotoxicity values:** no specific information available

### 12.2 Persistence and degradability

**Persistence and degradability:** biologically degradable

### 12.3 Bioaccumulative potential

**Bioaccumulative potential:** ingredients not bioaccumulative

### 12.4 Mobility in soil

**Mobility:** no specific data available

#### 12.5 Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT or vPvB substance.

#### 12.6 Other adverse effects

**Other adverse effects:** none known

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**13.1.1 Product/packaging disposal:** Dispose of packaging and contents in accordance with local/national regulations

**Waste codes/waste designations according to LoW:** None

**13.1.2 Waste treatment – relevant information:** dispose of at local waste disposal site in accordance with local regulations.

**13.1.2 Sewage disposal – relevant information:** waste should not be released to sewers.

**13.1.4 Other disposal recommendations:** none

### SECTION 14: Transport information

#### 14.1 UN number

**UN number:** not classified according to ADR, non hazardous for transport

#### 14.2 UN proper shipping name

**Shipping name:** not classified as hazardous for transport

**14.3 Transport hazard class(es)**

**Transport class:** not classified as hazardous for transport

**14.4 Packing group**

**Packing group:** not applicable

**14.5 Environmental hazards**

**Environmentally hazardous:** Not classified as environmentally hazardous.

**Marine Pollutant:** Not a marine pollutant

**14.6 Special precautions for user**

**Special precautions:** none

**Tunnel code:** not applicable

**Transport category:** not applicable

**SECTION 15: Regulatory information**

**15.1 Safety, health and Environmental regulations/legislation specific for the mixture**

**EU regulations:** not applicable

**Authorisations and/or restrictions on use:** none

**Specific regulations:** not applicable

**15.2 Chemical safety assessment**

**Chemical safety assessment:** a COSHH assessment has been carried out for the substance or mixture by the supplier

## SECTION 16: Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010 and EC Regulation No 1272/2008.

\*Indicates text in the SDS which has been changed since the last revision  
SDS from Nugrel Limited – Rooting Gel.

**Phrases used in Section 2 and Section 3:** none.

**Legal Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.