

## Material Safety Data Sheet

according to 1907/2006/EC, article 31

MSDS No: PER335

Issue No: 1

### **IMPORTANT**

Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.


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### **1. IDENTIFICATION**

Product Name	RootPLUS Base Paste
Company Name	Perfection Plus Ltd
Company Address	6 Westwood Court, Brunel Road, Totton, Hants. SO40 3WX. UK
Company Phone No.	+44 (0) 2380 866 677

### **2. HAZARDS IDENTIFICATION**

<b>2.1 Classification of the substance or mixture</b>	
2.1.1 Classification – 1999/45/EC	N; R50/53 Symbols: N: Dangerous for the environment.
Main hazards	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.1.2. Classification - EC 1272/2008	Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

<b>2.2 Label elements</b>	
Hazard pictograms	
Signal Word	Warning
Hazard Statement	Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P273 - Avoid release to the environment.
Precautionary Statement: Response	P391 - Collect spillage.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

### Further information

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

### 3. COMPOSITION/INFORMATION ON PREPARATION

#### 3.1 Mixtures

67/548/EEC / 1999/45/EC

Components Name	Index No	CAS No	EINECS No	REACH Registration No	Conc (% w/w)	Classification
Zinc oxide	030-013-00-7	1314-13-2	215-222-5		60 - 70%	N; R50/53
Softisan 649 (Bis diglyceryl Polyacyladipate-2)		82249-33-0			1 - 10%	

EC 1272/2008

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### 4. FIRST AID MEASURES

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Skin Contact	May cause irritation to skin. Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical

	attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

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

Burning produces irritating, toxic and obnoxious fumes.

### 5.3 Advice for firefighters

Wear suitable respiratory equipment when necessary.

## 6. HANDLING AND STORAGE

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

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

### 6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

### 6.3 Methods and materials for containment and cleaning up.

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2 Conditions for safe storage

Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.2.2 Individual Protection Measures

Wear chemical protective clothing

**Eye / face protection** – in case of splashing wear approved safety goggles

**Skin / Hand protection** – chemical resistant gloves (PVC)

Respiratory protection – wear: suitable respiratory equipment.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Colour	Off white
Odour	Characteristic

#### 10. STABILITY AND REACTIVITY

Stable under normal conditions. Conditions to avoid: heat, moisture.

#### 11. TOXICOLOGICAL INFORMATION

Zinc oxide	Oral Rat LD50: 15000 mg/kg
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#### 12. ECOLOGICAL INFORMATION

Zinc oxide	Daphnia EC50/48h: 1000 mg/l	Fish LC50/96h: 1.1 mg/l
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#### 13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with all local and national regulations.  
For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.  
Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

#### 14. TRANSPORTATION INFORMATION

Hazard pictograms		
UN number	UN1436	
UN proper shipping name	ZINC POWDER	
Transport hazard class(es)		
ADR/RID	4.3	
Subsidiary risk	4.2	
IMDG	4.3	

Subsidiary risk	4.2
IATA	4.3
Subsidiary risk	4.2
Packing group	III
Environmental hazards	No
Marine pollutant	No
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	The product is not classified as dangerous for carriage.
ADR/RID	
Hazard ID	423
Tunnel Category	(E)
IMDG	
EmS Code	F-G S-O
IATA	
Packing Instruction (Cargo)	491
Maximum quantity	100 kg
Packing Instruction (Passenger)	486
Maximum quantity	25 kg

#### **15. REGULATORY INFORMATION**

No data available.

#### **16. OTHER INFORMATION**

Text of Risk Phrases	R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements	Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

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#### **DISCLAIMER OF LIABILITY**

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This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**Emergency Phone No: 023 8086 6677**