

# MATERIALS SAFETY & DATA SHEET

STATEMENT OF HAZARDOUS NATURE :    **NON TOXIC**

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## PRODUCT IDENTIFICATION

**Product name :**                            **ONIONMATE™**  
**Other names :**                            Onion rootzone starter granule  
**Manufacturer's Product Code :**  
**UN No :**                                    Not hazardous  
**Dangerous Goods Class :**                Not applicable  
**Hazchem Code :**                         Not hazardous  
**Toxic Substances Schedule :**            Not applicable  
**Uses :**                                    Biological soil inoculant

## PHYSICAL DESCRIPTION & PROPERTIES

**Appearance :**                            Coated granules ranging in size from 0.5mm to 1mm  
**Boiling point :**                            Not applicable  
**Melting point :**                         Not applicable  
**Vapour pressure (mm/Hg) :**                Not applicable  
**Specific gravity :**                        Not applicable  
**Flash point :**                            Not flammable  
**Flammability Limits :**                    Not combustible  
**Solubility in water :**                    Insoluble

## OTHER PROPERTIES

**Bulk Density kg/m<sup>3</sup> :**                    800 kg/m<sup>3</sup>  
**Rel Vapour Density (Air = 1) :**         Not applicable  
**Autoignition Temp (C) :**                Not applicable  
**% Volatile by volume :**                 Not applicable  
**Decomp. Point (C) :**                    Not applicable  
**Sublimation Point :**                    Not applicable  
**pH (10% aq. Soln) :**                    Not applicable  
**Viscosity :**                             Not applicable  
**Evaporation Rate :**                    Not applicable  
**Odour :**                                 Odourless  
**Reactivity :**                            Not reactive

## **INGREDIENTS**

<b>Chemical Entity</b>	<b>CAS NO.</b>	Not applicable
<b>Active Constituent</b>		Propagules of <i>Trichoderma atroviride</i>
<b>Solvent</b>		Solid

## **HEALTH HAZARD INFORMATION**

### **HEALTH EFFECTS :**

<b>Acute</b>	Swallowed :	Product has low toxicity - wash mouth out with water.
	Eye :	Prolonged exposure may cause irritation - irrigate with water.
	Skin :	Prolonged contact may cause skin to become dry.
	Inhaled :	Product as packed is a non dusty pellet.
	<b>GENERAL :</b>	<i>Trichoderma atroviride</i> is harmless to humans, livestock and the environment.
<b>Chronic</b>	<b>GENERAL :</b>	There have been no recorded ill effects from the use of <i>Trichoderma</i> species in over three decades of scientific trial and commercial use.
<b>First Aid</b>	Swallowed :	Wash mouth out with water.
	Eye :	Irrigate with water.
	Skin :	Wash with water
	Inhaled :	With prolonged exposure to air product may develop a dusty surface - repeated inhalations of this dust may lead to pulmonary hypersensitivity in some individuals.
<b>Advice to Doctor :</b>		Product is based on a non hazardous naturally occurring fungus plus food grade materials coated on to a grain based granule.

### **PRECAUTIONS FOR USE**

<b>Exposure Standards :</b>	Avoid excessive visible dust
<b>Engineering Controls :</b>	Not applicable
<b>Personal Protection :</b>	A face mask may be advisable for repeated prolonged exposure to pellet if it becomes dusty.
<b>Flammability</b>	Not flammable
<b>Other information</b>	Non hazardous natural product.

### **SAFE HANDLING INFORMATION**

Storage and Transport :	Store refrigerated in original plastic foil sachet or bag. No transport hazard.
Spills and Disposal :	Sweep up and remove for disposal - may be disposed of in compost.
Fire / Explosion Hazard :	Non hazardous.

### **OTHER INFORMATION :**

No special precautions are necessary, wash hands after use.

### **CONTACT POINT :**

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*The information presented herein, while not guaranteed, was prepared by technically knowledgeable personnel and to the best of our knowledge is true and accurate. It is not intended to be all inclusive and the manner and conditions of use and handling may involve other or additional considerations.*

19<sup>th</sup> February 2015