

# Safety Data Sheet



According to Regulation (EC) No 1907/2006 (REACH)

Trade name: HARMONY GARDENS SOIL IMPROVER N+

Version: 2.1

Revision date: 01.01.2022

Print date: 01.01.2022

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

**1.1 Product identifier** HARMONY GARDENS SOIL IMPROVER N+

**1.2 Relevant identified Use** Growing media

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

Southern Trident Limited  
Southern Trident House,  
11D, South Park Road  
Scunthorpe,  
N.Lincolnshire  
United Kingdom  
DN17 2BY

**Email :** [info@southerntrident.com](mailto:info@southerntrident.com)

**1.4 Emergency telephone number** 0203 3633 7786 (UK) 24hrs

## 2. HAZARDS IDENTIFICATION

**2.1 Classification of the Substance or Mixture According to Regulation (EC) No 1272/2008:**

Not classified

**2.2 Label Elements According to Regulation (EC) No 1272/2008:**

Not applicable

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances:** N/A

**3.2 Description:** Compost

This mixture does not contain ingredients classified as hazardous substances

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## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**General information:** Have the product container, label or Material Safety Data Sheet with you when calling a poison control centre or physician, or going for treatment.  
Get medical advice if any symptoms occur or persist

**Inhalation:** Move person to fresh air.  
Keep patient warm and at rest.

**Skin Contact:** Wash off with soap and plenty of water.

**Eye Contact:** Rinse with plenty of water, also under the eyelids, for at least 15 minutes.  
Remove contact lenses and continue flushing.

**Ingestion:** Rinse out mouth and then drink water

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

Information not available

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

Information not available

## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

### 5.2 Specific Hazards Arising From the Substance or Mixture:

Fire may produce hazardous products of combustion such as carbon monoxide. Exposure to decomposition products may be a hazard to health.

### 5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus if required

**Additional Information:** None

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid formation / breathing of dust  
Avoid contact with skin and eyes  
Ensure adequate ventilation

### 6.2 Environmental Precautions:

Not applicable

### 6.3 Methods and Materials for Containment and Cleaning Up:

Vacuum or sweep up material  
Wash affected area with water  
Place into suitable labelled containers for disposal according to local / national regulations

**Additional information:** none

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Prevent dust formation and inhalation  
Avoid contact with eyes and skin  
Wear gloves when handling the product over long periods of time  
Wash hands and observe good hygiene practice after handling this product

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

Keep product in original labelled containers

### 7.3 Specific End Uses:

Use as compost according to the instruction on the label

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

No ingredients with limit values that require monitoring at the workplace

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## 8.2 Exposure Controls

**8.2.1 Appropriate engineering controls:** No special ventilation requirements.

Avoid high dust concentration and provide ventilation where necessary

**Protective Measures:**

The use of technical measures should always have priority over the use of personal protective equipment

A risk assessment based on the task being performed and the risks involved should be carried out to determine personal protection equipment required  
When selecting personal protective equipment, seek appropriate professional advice

Personal protective equipment should be certified to appropriate standards

**Respiratory Protection:**

Not necessary if room is well ventilated

Use suitable dust respirator if dust concentration is high or if a risk assessment indicates this is necessary. (Filter P2)

**Hand Protection:**

Wear suitable gloves when handling the product over long periods or if a risk assessment indicates this is necessary. Gloves complying with EN420

**Eye Protection:**

Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust. Safety glasses complying with EN166 as a minimum

**Skin and Body Protection:** Protective work clothing

**8.2.3 Environmental exposure controls:** N/A

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** crumbly dark brown/black compost

**Physical state:** solid granular type structure

**Colour:** dark brown/black

**Odour:** earthy

**Odour threshold:** none known

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## 9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	5.5-6.0	-	-	20°C	-	-
Melting point/freezing point	-	-	-	-	-	-
Initial boiling point/boiling range	-	-	-	-	-	-
Flash point	-	-	-	-	-	-
Evaporation rate	-	-	-	-	-	-
Flammability (solid, gas)	-	-	-	-	-	-
Upper/lower flammability or explosive limits	-	-	-	-	-	-
Upper explosive limits	-	-	-	-	-	-
Lower explosive limits	-	-	-	-	-	-
Vapour pressure	-	-	-	-	-	-
Vapour density	-	-	-	-	-	-
Relative density	200-250g/l	-	-	-	-	-
Solubility(ies)	-	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** Stable under normal conditions of storage, handling and use

**10.2 Chemical Stability:** Stable under normal conditions of storage, handling and use

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**10.3 Possibility of hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4 Conditions To Avoid:** Extremes of temperature

**10.5 Incompatible Materials:** Oxidising agents

**10.6 Hazardous decomposition products:** Heating or fire can release toxic or irritant vapours and fumes

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetic, metabolism and distribution

#### 11.1 Information on toxicological effects

**Acute Toxicity:** Mixture not classified for acute toxicity

**Skin corrosion/ Irritation:** The mixture is not classified as skin irritant

**Eye damage/Irritation:** The mixture is not classified for eye damage

**Respiratory or Skin Sensitization:** The mixture is not classified as a sensitizer

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** The mixture is not classified as mutagenic, carcinogen, reproductive toxic or aspiration hazard

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## 12. ECOLOGICAL INFORMATION

The mixture is not classified for environmental hazard

**12.1 Toxicity:** No information available on mixture

**12.2 Persistence and Degradability:** No information available on mixture

**12.3 Bio accumulative Potential:** No information available on mixture

**12.4 Mobility in Soil:** No information available on mixture

**12.5 PBT and vPvB assessment:** No information available on mixture

**Other adverse effects:** Information not available

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product:** Spread product over land as soil conditioner  
Check if agriculture use is possible.  
Where possible recycling is preferred to disposal or incineration.  
If recycling is not practicable, dispose of in compliance with local regulations.

**Contaminated Packaging:** Empty remaining contents.  
Completely empty containers can be put in the bin or disposed of in compliance with applicable local regulations

**Additional information:** none known

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## 14. TRANSPORT INFORMATION

	Land transport (ADR/RID)	Inland waterway transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN No.	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.2 UN Proper shipping name	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.3 Transport hazard class(es)	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
Hazard label(s)	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.4 Packing group	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods
14.5 Environmental hazards	Not dangerous goods	Not dangerous goods	Not dangerous goods	Not dangerous goods

14.6 Special precautions for user: None

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

Additional information: None

## 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance of mixture:

This mixture is classified in accordance with Regulation (EC) 1272/2008.

15.2 Chemical Safety Assessment: A Chemical Safety Assessment has not been undertaken for this mixture

## 16. OTHER INFORMATION

16.1 Indication of changes: None



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## 16.2 Abbreviations and Acronyms

ADR	International Carriage of Dangerous Goods by Road
CAS No	Chemicals Abstract Service Registry Number
Directive 67/548/EEC	Dangerous Substances Directive (DSD)
EC No	European Community Number for chemicals within EU regulations
IATA-DGR	Dangerous Goods Regulations by the International Air Transport
IMDG Code	Association International Maritime Dangerous Goods Code Persistent,
PBT	Bio accumulative and Toxic Properties Classification, Labelling and
Regulation (EC) No 1272/2008	Packaging (CLP) International Transport of Dangerous Goods by Rail
RID	Very Persistent and Very Bio accumulative Properties
vPvB	

**16.3 Key literature references and sources for data:** Southern Trident Ltd

## 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008

[CLP]: See SECTION 2.1 (classification).

**16.5 Relevant H- and EUH-phrases (number and full text):** N/A

**16.6 Training advice:** follow the instructions

## 16.7 Further information

Before using this product, ensure that you read and understand its label

MSDS information:

This Safety Data Sheet is prepared in compliance with Directive 1999/45/EC, 1272/2008 and Annex I of the REACH regulation 453/2010.

This safety data sheet provides health and safety information. This product is to be used in applications with best use practice. Individuals handling this product should be informed under COSHH of the recommended safety precautions and should have access to this information. The product information in this data sheet is to the best of our knowledge correct as at the date of publication. Southern Trident Limited does not accept responsibility for damage caused by incorrect use of this information.

Training and related advice:

This document contains important information to ensure the safe storage, handling and use of this product. It is the responsibility of your organization to ensure that the information contained in this document is communicated to the end user and that all necessary training to enable the product to be used correctly has been given.

For further information please contact Southern Trident Limited Ltd, Southern Trident House, 11D, South Park Road, Scunthorpe, UK, DN17 2BY

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