

## SAFETY DATA SHEET

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

#### 1.1 Product Identifier:

**Plantsmith Houseplant Feed**

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

**Supplied for use as a plant food**

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

Jigsaw Marketing & Media Ltd  
Richard Jackson Garden Unit G.01  
Power Road Studios  
114 Power Road  
London  
W4 5PY

**Contact: The Safety Officer**

**Phone number: +44 (0) 203 198 2355**

**Email: [chris@richardjacksonsgarden.co.uk](mailto:chris@richardjacksonsgarden.co.uk)**

#### 1.4 Emergency phone number

**Phone number: +44 (0) 7980092863**

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

CLASSIFICATION according to Regulation (EC) 1272/2008 Classification, Labelling and Packaging  
Not classified.

#### 2.2 Label Elements

There are no statutory label elements.

**Pictogram:** None

**Signal word:** None

**Hazard statements:** None

#### Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

#### 2.3 Other Hazards

Mixture not classed as PBT or vPvB

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Product Code: tba

### 3.2 Mixtures

### 3.3 Hazardous components

Chemical Name	CAS-No./ EC-No.	Annex Index or REACH number	Pictogram(s) according to 1272/2008:	H-phrases according to 1272/2008:	Concentrations [%]
Ammonium nitrate	6484-52-2/ 229-347-8	-  REACH no.: 01-2119490981-27	GHS03  GHS07 	Oxid. Solid 3; H272 Eye Irrit. 2; H319	2.2

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#### 4.0. FIRST AID MEASURES

##### 4.1 Description of first aid measures

###### 4.1.1 Inhalation

Remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

###### 4.1.2 Skin & Eye exposure

Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eyes: Rinse cautiously for several minutes, remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.

###### 4.1.3 Ingestion

Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if symptoms persist or develop.

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

None reported.

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

Information not available

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#### 5. FIRE-FIGHTING MEASURES

##### 5.1 Extinguishing media

Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

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

Possible irritant fumes arising from combustion

##### 5.3 Advice for fire-fighters

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus

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## 6. ACCIDENTAL RELEASE MEASURES

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

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Use personal protective equipment

- appropriate coveralls and gloves
- eye/face protection
- appropriate respirator

Avoid contact with skin and eyes

### **6.2 Environmental Precautions**

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) contact local water authority and inform the Environment Agency

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

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

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

No reference necessary

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## 7. HANDLING AND STORAGE

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

Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product. remove contaminated clothing and protective equipment before entering eating areas.

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

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

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

Supplied for use as a plant feed.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1 Control Parameters**

Occupational exposure limits    None established.

### **8.2 Exposure controls**

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: Not applicable.

Eye protection: Safety glasses.

Skin protection: Not applicable.  
Environmental: No special requirement.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **9.1 Information on basic physical and chemical properties**

**Appearance;** Dark brown liquid

**Odour;** Characteristic

**Odour threshold;** Information not specified

**pH;** 3.5

**Melting point/freezing;** Information not specified

**Initial boiling point;** ~100°C

**Flash point;** Not applicable

**Evaporation rate;** Not applicable

**Flammability (solid, gas);** Not applicable

**Upper /lower flammability or explosive limits;** Information not specified

**Vapour Pressure;** Information not specified

**Vapour density;** Information not specified

**Relative density;** 1.100

**Solubility (ies);** Miscible in all proportions.

**Partition coefficient: n-octanol/water;** Information not specified

**Auto ignition temperature:** Information not specified

**Decomposition temperature:** Information not specified

**Viscosity:** non-viscous

**Explosive properties:** Product not classified as explosive

**Oxidising properties:** Product not classified as oxidising

### **9.2 Other Information**

No other relevant information available

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## 10. STABILITY AND REACTIVITY

### **10.1 Reactivity**

Stable under recommended transport or storage conditions

### **10.2 Chemical Stability**

Stable under normal conditions

### **10.3 Possibility of hazardous reactions**

No potentially hazardous reactions known.

### **10.4 Conditions to avoid**

Heat and combustible materials.

### **10.5 Incompatible materials**

Strong oxidising agents. Strong acids.

### **10.6 Hazardous decomposition products**

In combustion emits toxic fumes.

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## 11. TOXICOLOGICAL INFORMATION

### **11.1 Information on toxicological effects**

Acute toxicity:	Not expected to be toxic.
Skin corrosion/irritation:	Product is not classified as a skin corrosive/irritant.
Serious eye damage/irritation:	Product is not classified as causing serious eye damage or irritation.
Respiratory or skin sensitisation:	Product is not classified for respiratory or skin sensitisation.
Germ cell mutagenicity:	No information specified.
Carcinogenicity:	No information specified.
Reproductive toxicity:	No information specified.
STOT-single exposure:	Product is not classified as having Specific Target Organ Toxicity for single exposure
STOT-repeated exposure:	No information specified.
Aspiration hazard:	No information specified.

### **Toxicological information on hazardous ingredients where available:**

#### **Ammonium nitrate:**

Oral LD50 (Rat) 2217 mg/Kg bw

**Source:** SDS, Growth Technology, 13/01/2020

## 12. ECOLOGICAL INFORMATION

### **12.1 Toxicity**

Mixture not classified as harmful to aquatic life

### **2.2 Persistence and degradability**

Biodegradable.

### **12.3 Bioaccumulative potential**

Partition coefficient No relevant data available.

### **12.4 Mobility in soil**

Mobility No relevant data available.

### **12.5 Results of PBT and vPvB**

This product does not contain any substances classified as PBT or vPvB.

### **12.6 Other adverse effects**

Negligible ecotoxicity.

## 13. DISPOSAL CONSIDERATIONS

### **13.1 Waste Treatment Methods**

**Disposal operations:** Deposit into or on to land (e.g. landfill, etc)

**Recovery operations:** Not applicable.

**Disposal of packaging:** Clean with water. Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 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:** Not specified

**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 (EC) No 1272/2008 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.

##### **15.2 Chemical Safety Assessment**

CSA not undertaken for this substance.

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#### 16. OTHER INFORMATION

##### **Abbreviations:**

Eye Irrit. 2	Eye Irritation category 2
LD50	Lethal Dose 50%
Oxid. Solid 3	Oxidising Solid category 3
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative

##### **Hazard Information not otherwise listed in full elsewhere:**

H272:	May intensify fire; oxidiser.
H319:	Causes serious eye irritation.

##### **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 Regulation 1272/2008 and Annex II 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.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty of quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

PRINTED: 13 JUNE 2024

## SAFETY DATA SHEET

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

#### 1. Product Identifier:

**Plantsmith Protecting Bug Control Spray**

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

**Supplied for use as a physical mode of action pesticide & mildewcide.**

#### 3. Details of the supplier of the safety data sheet:

Jigsaw Marketing & Media Ltd  
Richard Jackson Garden Unit G.01  
Power Road Studios  
114 Power Road  
London  
W4 5PY

**Contact: The Safety Officer**

**Phone number: +44 (0) 203 198 2355**

**Email: [chris@richardjacksonsgarden.co.uk](mailto:chris@richardjacksonsgarden.co.uk)**

#### 4. Emergency phone number

**Phone number: +44 (0) 7980092863**

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

CLASSIFICATION according to Regulation (EC) 1272/2008 Classification, Labelling and Packaging  
Not classified.

#### 2.2 Label Elements

There are no statutory label elements.

**Pictogram:** None

**Signal word:** None

**Hazard statements:** None

#### Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

#### 2.3 Other Hazards

Mixture not classed as PBT or vPvB

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Product Code: *tba*

### **3.2 Mixtures**

No hazardous components requiring listing.

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## **4.0. FIRST AID MEASURES**

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

#### **4.1.1 Inhalation**

Remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop.

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

Drench immediately with water. Remove any contaminated clothing and launder before re-use. Seek medical attention if symptoms persist or develop.

Eyes: Rinse cautiously for several minutes, remove contact lenses, if present and easy to do, rinse with clean water for 15 minutes. Seek medical attention if symptoms persist or develop.

#### **4.1.3 Ingestion**

Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if symptoms persist or develop.

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

None reported.

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

Information not available

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## **5. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

Use Foam, carbon dioxide, dry powder, sand. The mixture is not classified as flammable as such extinguishing media should be chosen as appropriate for surrounding materials.

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

Possible irritant fumes arising from combustion

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

Cool down containers/equipment exposed to heat with a water spray. Contain spread of extinguishing fluids (these fluids may be hazardous for the environment). Wear complete protective clothing and self-contained breathing apparatus

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The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

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- appropriate coveralls and gloves
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- appropriate respirator

Avoid contact with skin and eyes

## 6.2 Environmental Precautions

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) contact local water authority and inform the Environment Agency

## 6.3 Methods and material for containment and cleaning up

Use soil, sand or other absorbent material. Contact specialist waste disposal contractor.

## 6.4 Reference to other sections

No reference necessary

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## 7. HANDLING AND STORAGE

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Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product. remove contaminated clothing and protective equipment before entering eating areas.

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

Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height. Keep away from heat sources, combustible materials.

### 7.3 Specific end use(s)

Supplied for use as a plant feed.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters

Occupational exposure limits    None established.

### 8.2 Exposure controls

Engineering measures: Not applicable.

Respiratory protection: Respiratory protection not required.

Hand protection: Not applicable.

Eye protection: Safety glasses.

Skin protection: Not applicable.

Environmental: No special requirement.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance;** Clear liquid

**Odour;** Slight aroma

**Odour threshold;** Information not specified

**pH;** 7 – 8 (aqueous suspension)

**Melting point/freezing;** Information not specified

**Initial boiling point;** ~100°C

**Flash point;** Not applicable

**Evaporation rate;** Not applicable

**Flammability (solid, gas);** Not applicable

**Upper /lower flammability or explosive limits;** Information not specified

**Vapour Pressure;** Information not specified

**Vapour density;** Information not specified

**Relative density;** Information not specified

**Solubility (ies);** Miscible in all proportions.

**Partition coefficient: n-octanol/water;** Information not specified

**Auto ignition temperature:** Information not specified

**Decomposition temperature:** Information not specified

**Viscosity:** Information not specified

**Explosive properties:** Product not classified as explosive

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Carcinogenicity:	No information specified.
Reproductive toxicity:	No information specified.
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Aspiration hazard:	No information specified.

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Mixture not classified as harmful to aquatic life

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

Not applicable

#### 12.4 Mobility in soil

Not applicable

#### 12.5 Results of PBT and vPvB

This product does not contain any substances classified as PBT or vPvB.

#### 12.6 Other adverse effects

None.

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#### 13.1 Waste Treatment Methods

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#### 15.2 Chemical Safety Assessment

CSA not undertaken for this substance.

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### 16. OTHER INFORMATION

#### SDS information:

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