

**SAFETY DATA SHEET**

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1. Product Identifier:**

**Plantsmith Bug Control Concentrate**

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

**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**

**National Poisons Information Service Phone UK 111 / IE 01-8092166**

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2. HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification according to the Regulation (EC) no 1272/2008 (CLP) and Globally Harmonised System of Classification and Labelling of Chemicals.

Skin Irritation 2, H315 causes skin irritation

Eye Irritation 2, H319 causes serious eye irritation

**2.2 Label Elements**

Labelling according to Regulation (EC) no 1272/2008 (CLP) and Globally Harmonised System of Classification and Labelling of Chemicals.



GHS07

Signal word: Warning

Hazard statements:

H315: causes skin irritation

H319: causes serious eye irritation

Precautionary statements:

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

P102 Keep out of reach of children.

P270 Do not eat, drink or smoke when using this product.

P280: Wear protective gloves

P302 + P352: IF ON SKIN: Wash with plenty of soap and water

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

## **2.3 Precautionary Statements**

Mixture not classed as PBT or vPvB

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## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

### **3.1 Mixtures**

Hazardous components

Chemical name: Sodium Lauryl Ether Sulphate

CAS Number: 68585-34-2

Classification according to Regulation (EC) 1272/2008

GHS07

Skin Irritation 2, H315 Eye Irritation 2, H319

Concentration % 1 – 3%

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## **4.0. FIRST AID MEASURES**

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

Eye Contact: Flush with water for at least 15 minutes.

Skin Contact: Remove all contaminated clothing immediately. Wash affected area with soap and water.

Ingestion: Stop the patient from working and keep at rest away from the workplace. Remove all restrictive clothing. Keep patient under observation. Seek medical attention if patient becomes unwell.

Inhalation: Remove patient to fresh air. Loosen or remove clothing. Keep at rest and under observation. Seek medical attention if patient becomes unwell.

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

As 4.1

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

Guide to Physician: Treatment should be supportive and symptomatic.

### **4.4 Information to medics**

Bring this safety data sheet or the label from this product.

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

### **5.1 Extinguishing media**

Water spray

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

None known

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

As for all fires: Suitable protection suit, suitable gloves and boots, self-contained apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Wear suitable gloves.

Keep all people and animals away from the spillage area.

Avoid skin and eye contact with product or contaminated surfaces.

Wash hands and exposed skin thoroughly immediately after handling or if contaminated.

### **6.2 Environmental Precautions**

Inform the local water company and relevant national water agencies immediately if spillage enters public drains, surface water or ground waters.

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

Absorb spillage onto sand or earth. Shovel contaminated sand or earth into marked bags or drums.

Dispose of through a reputable local waste disposal contractor.

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

None

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## 7. HANDLING AND STORAGE

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

Keep concentrate off skin and away from eyes. When using, do not eat, drink or smoke.

Wear suitable gloves when handling concentrate.

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

Keep container tightly closed in a cool, secure, dry, well-ventilated store. Keep away from food, drink and animal feeding stuffs.

Keep out of reach of children.

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

No specific information

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1 Control Parameters**

There are no Occupational exposure limits (OELs) for this product.

### **8.2 Exposure controls**

Operator protection: Protective gloves made of PVC or rubber.

Environmental protection: Do not allow contamination of public drains or surface water or ground waters. Inform the local water company and relevant national water agencies immediately if spillage enters public drains, surface water or ground water.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

**Colour/Appearance:** Light red liquid

**Odour:** Slight aroma

**Odour threshold:** Information not available

**pH (aqueous suspension):** 7-8

**Melting point:** Not applicable

**Boiling point:** Approx 100oC (aqueous)

**Flash point:** Not applicable

**Evaporation rate Flammability (solid, gas):** Not applicable

**Upper/lower flammability:** Not applicable

**or explosive limits:** Not explosive

**Vapour pressure:** Not applicable  
**Vapour density:** Not applicable  
**Relative density:** Not applicable  
**Solubility:** Not applicable  
**Partition coefficient:** n-octanol/water Not available  
**Auto-ignition temperature:** Not applicable  
**Decomposition temperature:** Not applicable  
**Viscosity:** Not applicable  
**Explosive properties:** Not explosive  
**Oxidising properties:** Not applicable

## 9.2 Other Information

No other relevant information available.

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## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

It presents no significant reactivity hazards, by itself or in contact with water.

### 10.2 Chemical Stability

It presents no significant reactivity hazards, by itself or in contact with water.

### 10.3 Possibility of hazardous reactions

It presents no significant reactivity hazards, by itself or in contact with water.

### 10.4 Conditions to avoid

It presents no significant reactivity hazards, by itself or in contact with water.

### 10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

### 10.6 Hazardous decomposition products

Avoid contact with strong acids, alkalis and oxidising agents.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute oral toxicity: LD 50 > 5000mg/kg body weight

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## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Mixture not classified as dangerous to the environment in accordance with the Dangerous Preparation Directive 1999/45/EC

### 12.2 Persistence and degradability

Constituents 100% biodegradable under aerobic conditions.

### 12.3 Bioaccumulative potential

Not applicable

### 12.4 Mobility in soil

Not applicable

### 12.5 Results of PBT and vPvB

Mixture not classed as PBT or vPvB

## 12.6 Endocrine disrupting properties

None.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Dispose of empty containers in accordance with national and local authority regulations. Contact local authority (Environmental Health Department) or a reputable waste disposal company for collection and disposal of unwanted product or containers.

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## 14. TRANSPORT INFORMATION

**14.1 UN number:** Not classified

**14.2 UN proper shipping name:** Not classified

**14.3 Transport hazard:** None

**14.4 Packing group:** None

**14.5 Environmental hazards:** None

**14.6 Special precautions for user:** None

**14.7 Transport in bulk according to Annex II of MARPOL 73-78 and the IBC code:** Not applicable.

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## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.

This mixture is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP) and Globally Harmonised System of Classification and Labelling of Chemicals.

### 15.2 Chemical Safety Assessment

CSA not taken for this mixture.

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## 16. OTHER INFORMATION

Comprehensive research has shown that the pesticidal activity of this product is achieved by a physical means. Physical modes of action are classed as non-biological and non-chemical for which no specific active ingredients are identified within the product.

The safety data sheet is prepared in accordance with Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Annex II/UN GHS & EU CLP guidelines.

The data in this safety sheet is provided in good faith and to the best of our knowledge and belief is accurate based on latest available information. It is intended only to give health and safety guidance on the substance to which it relates. It is not intended to provide information on product use for which purpose the product label and any other technical information should be consulted. Recipients of our product must take responsibility for observing laws and regulations.

Packaging descriptions: Retail concentrate: 250ml and 500ml HDPE containers

### 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.

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