



# Safety Data Sheet

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

Trade name: . JAB Prune and Seal

Version:1.0

Revision date: 27.03.2018

Print date:27.03.2018

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

**1.1 Product identifier**      **JAB Prune & Seal**

**1.2 Relevant identified Use** Tree wound treatment mixture

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

Westland Horticulture Ltd  
14 Granville Industrial Estate  
Granville Road  
Dungannon  
County Tyrone  
BT70 1NJ

**Email**      [customerservice@WestlandHorticulture.com](mailto:customerservice@WestlandHorticulture.com)

**1.4 Emergency telephone number**      01480 443789 (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:**

<b>Hazard Pictograms</b>	None
<b>Signal Word</b>	None
<b>Hazard Statements</b>	None
<b>Precautionary Statements</b>	None
<b>Other hazards</b>	None



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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances: N/A**

**3.2 Description** Mixture

### Hazardous Ingredients:

This mixture does not contain further substances fulfilling the criteria of hazard class "acute toxicity" according to CLP regulation. There are no harmful components in this mixture.

## 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 center or physician, or going for treatment.

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

**Skin Contact:** Wash off with soap and plenty of water.  
Get medical advice if irritation develops

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

**Ingestion:** Rinse out mouth with water.  
If material has been swallowed and the expose person is conscious, give small quantities of water to drink.  
Do not induce vomiting at least directed to do so by medical personnel.

**4.2 Most important symptoms and effects, both acute and delayed:** none known

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

Treat symptomatically.  
Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.



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## 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing Media:

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

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

No information available.

### 5.3 Advice for Fire Fighters:

Wear full protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode, as required.

### Further Information:

Do not allow molten material or run-off from firefighting to enter drains or water courses as it may be harmful to the environment if released in large quantities.

If fire run-off water enters drains or water course, inform the appropriate water authorities immediately.

## 6. ACCIDENTAL RELEASE MEASURES

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

Avoid formation / breathing of dust. Ensure adequate ventilation.

Avoid contact with skin and eyes. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

### 6.2 Environmental Precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

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

Absorb using inert materials such as sand, Fuller's earth or spillage pillows. Dispose of by a licenced waste disposal contractor.

**Additional Advice:** No information available.



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## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

- Avoid contact with eyes and skin.
- Do not eat, drink or smoke when using this product.
- Take off contaminated clothing and wash before reuse.
- Wash hands forearms and face and observe good hygiene practice after handling this product.
- Do not reuse container.

### 7.2 Conditions for safe storage:

- Store in original container protected from direct sunlight in a dry, cool and well-ventilated area.
- Keep container tightly closed and sealed until ready for use.
- Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
- Keep away from heat sources, combustible materials and strong oxidizing agents.

### 7.3 Specific End Uses:

Use as tree wound treatment according to the instruction on the label.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

**8.1.1 Occupational exposure limits:** Information not specified.

**8.1.2 Biological limit values:** N/A

**8.1.3 Exposure limits at intended use:** N/A

**8.1.4 DNEL/PNEC-values:** N/A

**8.1.5 Risk management measures according to used control banding approach:** N/A

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

Gloves in Natural Rubber or PVC and eye protection to BS EN166.

**8.2.1 Appropriate engineering controls:** Good general ventilation should be sufficient.



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**8.2.2 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 to avoid liquid splashes, mists, gases or dusts. When selecting personal protective equipment, seek appropriate professional advice. Personal protective equipment should be certified to appropriate standards.

**Respiratory Protection:** No information available.

**Hand Protection:** Wear chemical resistant gloves (rubber or neoprene) when handling the product over long periods or if a risk assessment indicates this is necessary.

**Eye Protection:** Wear eye protection when a risk assessment indicates this is necessary to avoid exposure to dust, liquid splashes, mists, gases or dusts.

**Skin and Body Protection:** Protecting work clothing should be selected based on the task being performed and the risks involved.

## 8.2.3 Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Viscous green/brown liquid

**Physical state:** Liquid

**Colour:** Green/brown

**Odour:** Characteristic organic odour

**Odour threshold:** None known



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## 9.2 Other information:

	Value	Concentration	Method	Temperature	Pressure	Remark
pH	6.4	1:6 dilution in water	--	-	-	-
-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	-	-	-	-	-	-
Solubility(ies)	Partly miscible in water	-	-	-	-	-
Partition coefficient: n-octanol/water	-	-	-	-	-	-
Auto-ignition temperature	-	-	-	-	-	-
Decomposition temperature	-	-	-	-	-	-
Viscosity	-	-	-	-	-	-
Viscosity, dynamic	-	-	-	-	-	-
Viscosity, cinematic	-	-	-	-	-	-
Explosive properties	-	-	-	-	-	-
Oxidising properties	-	-	-	-	-	-



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**Other Properties:** None

## 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.

**10.3 Possibility of hazardous reactions:** No specific hazardous reactions known.

**10.4 Conditions to Avoid:** No information available.

**10.5 Incompatible Materials:** No information available.

**10.6 Hazardous decomposition products:** No information available.

## 11 TOXICOLOGICAL INFORMATION

### Toxicokinetics, metabolism and distribution

#### 11.1 Information on toxicological effects

**Acute Toxicity:** No known significant effects or critical hazards.

**Acute Oral Toxicity:** No known significant effects or critical hazards.

**Acute Dermal Toxicity:** No known significant effects or critical hazards.

**Skin Irritation:** No known significant effects or critical hazards.

**Eye Irritation:** No known significant effects or critical hazards.

**Respiratory or Skin Sensitization:** Information not available.

**CMR effects:** No known significant mutagenic, carcinogenic, teratogenic or reproductive toxicity effects or critical hazards.

**Further Information:** No information available.



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## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Toxicity To Fish:** Information not available.

**Toxicity To Aquatic Invertebrates:** Information not available.

**Toxicity To Aquatic Plants:** Information not available.

**Toxicity To Bacteria:** Information not available.

### 12.2 Persistence and Degradability

**Biodegradability:** No known significant effects or critical hazards.

**12.3 Bioaccumulative Potential:** Not applicable.

**12.4 Mobility in Soil:** Not available.

**12.5 Results of PBT and vPvB assessment:** Not applicable.

**12.6 Other adverse effects:** Information not available.

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Product:** Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

This material must be disposed of in a safe way.





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**Contaminated Packaging:** The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling if not feasible.

The container must be disposed of in a safe way.

Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty container or liners may retain some product residues.

## 14 TRANSPORT INFORMATION

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



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## 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 1272/2008.

**15.2 Chemical Safety Assessment:** Chemical Safety Assessment not undertaken for this mixture.

## 16 OTHER INFORMATION

**16.1 Indication of changes:** None

### 16.2 Abbreviations and Acronyms

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

**16.3 Key literature references and sources for data:** Unknown

**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):**

**16.6 Training advice:** follow the instructions



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## 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 Regulation 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. Westland Horticulture 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 organisation 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 Westland Horticulture Ltd, 14 Granville Industrial Estate, Granville Road, Dungannon, County Tyrone, BT70 1NJ.