

## Safety Data Sheet

According to 1907/2006/EC, Article 31

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### Section 1: Identification of the mixture and of the company/undertaking

<b>1.1 Product identifier</b>	
<b>Trade name:</b>	RootJuice
<b>1.2 Relevant identified uses of the mixture and uses advised against</b>	
<b>Relevant identified uses of the mixture:</b>	Stimulant
<b>1.3 Details of the supplier of the safety data sheet:</b>	
<b>Supplier:</b>	Pol. Industrial Lezama-Leguizamon C/ Gorbeia nº 11 (48450) Etxebarri – Bizkaia Spain  www.biobizz.com Tel: +34 944 657 951
<b>Competent person responsible for the safety data sheet:</b>	Export Department
<b>1.4 Emergency Telephone Number:</b>	+34 944657951

### Section 2: Hazards identification

<b>2.1 Classification of the mixture</b>	
<b>Classification according to Regulation (EC) No 1272/2008:</b> The product is not classified according to the CLP regulation	
<b>Classification according to Directive 67/548/EEC or 1999/45/EC:</b> Not classified as dangerous	
<b>2.2 Label Elements:</b>	
<b>Labelling according to Regulation (EC) No 1272/2008</b>	None
<b>Hazard Pictograms:</b>	None
<b>Signal word:</b>	None
<b>Hazard statements:</b>	None
<b>Precautionary statements:</b>	
P235+P410	Keep cool. Protect from sunlight
P302+P350	IF ON SKIN: Gently wash with plenty of soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>2.3 Other hazards:</b>	None

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### Section 3: Composition/information on ingredients

Hazardous Ingredients (specific)	N/A
CAS Number	N/A

### Section 4: First Aid Measures

4.1 Description of first aid measures	
<b>General</b>	No immediate medical attention necessary.
<b>Information:</b>	Based on present knowledge no dangers for human-being and environment can appear with a professional use of the product
<b>Inhalation:</b>	Well ventilate the area and go to the open space.
<b>Skin contact:</b>	Remove all contaminated clothing. Rinse abundantly with mild soap and water. Wash clothes before reuse.
<b>Eye contact:</b>	Rinse immediately and abundantly with water for at least 10 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing.
<b>Ingestion:</b>	Rinse mouth, give water to drink, if the subject is unconscious do not induce vomiting.
<b>Self-protection of the first aider:</b>	must use the individual protection equipment (latex gloves).
4.2 Most important symptoms and effects, both acute and delayed	
<b>Inhalation:</b>	Possible irritation of respiratory tract
<b>Skin:</b>	Possible irritation according to the contact time with the product
<b>Eye:</b>	Possible irritation according to the contact time with the product
<b>Ingestion:</b>	Possible irritation of mouth and digestive tract
4.3 Indication of any immediate medical attention and special treatment needed	
In case of accident, seek immediately medical advice showing the safety data sheet	

### Section 5: Firefighting Measure

<b>Fire class:</b>	Non flammable
5.1 Extinguishing media:	
<b>Suitable extinguishing media:</b>	Water spray, foam, carbon dioxide (CO <sub>2</sub> )
<b>Unsuitable extinguishing media:</b>	None
5.2 Special hazards arising from the substance:	
In case of fire avoid to breath fumes, it may release toxic fumes (NO <sub>x</sub> , CO <sub>x</sub> )	
5.3 Advice for fire-fighters	
In case of fire and in close proximity wear the protective clothes heat resistant and air respiratory equipment	

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## Section 6: Accidental release measures

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

**For non-emergency personnel:**

Keep away from the affected area people not involved in the emergency intervention  
Alert the responsible of the internal emergency

**For emergency responders:**

Wear protective clothes giving a total skin protection, latex gloves and safety glasses.  
See also section 8

### 6.2 Environmental precautions:

If possible store into a clean container either to reuse or disposal. Avoid waterway and discharging contamination, competent authority must be informed in case of waterway accidental contamination.

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

Any release should be immediately cleaned up wearing protective clothes (suit, latex gloves and safety glasses).  
If possible store into a clean container either to reuse or disposal. If possible absorb with the inert material.  
After store, wash the area with water and suitable materials.

### 6.4 Reference to other sections:

Referred to Sections 8 and 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid direct contact with skin and eyes. See the following section 8.  
Remove all protective clothing before access to the areas where you eat  
Always respect hygienic rules, do not drink neither eat in the working areas.

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

Keep containers tightly closed in a well-ventilated place far from humidity and heat source.

### 7.3 Specific end use(s)

Fertilizer for Agriculture & Domestic use

## Section 8: Exposure control/ Personal protection

### 8.1 Control parameters

No occupational exposure limits have been established. DNEL and PNEC values for pinene oligomers are given below:

**Worker Derived NO-Effect Level (DNEL) values:**

N/A

**General population Derived NO-Effect Level (DNEL) values:**

N/A

**Predicted NO-Effect Concentration (PNEC) values:**

N/A

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## 8.2 Exposure control

### **Appropriate Engineering Controls:**

N/A

### **Personal protective equipment:**

The personal protective equipment must be compliant to the regulation UNI-EN in force

Eye/face protection:

N/A

Skin protection:

N/A

Respiratory protection:

N/A

### **Environmental exposure controls:**

N/A

## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance (25 °C):

State: Low Viscosity liquid

Colour: Brown

Odour: Characteristic

	Value	Remark
pH		
Melting point/freezing point	N/A	
Initial boiling point/boiling range	N/A	
Evaporation rate	N/A	
Relative density (kg/L)	1.01	
Solubility	N/A	
Decomposition temperature	N/A	
Viscosity (P, 0.1 Pa·s)	1.05	
Explosive properties	N/A	
Oxidising properties	N/A	

### 9.2 Other information:

Miscibility: N/A

Fat Solubility: N/A

Conductivity: N/A

Substance Groups relevant properties: N/A

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## Section 10: Stability and reactivity

<b>10.1 Reactivity</b>
Stable under normal conditions
<b>10.2 Chemical stability</b>
Stable under normal conditions
<b>10.3 Possibility of hazardous reactions</b>
N/A
<b>10.4 Conditions to avoid</b>
Avoid high temperatures
<b>10.5 Incompatible materials</b>
N/A
<b>10.6 Hazardous decomposition products</b>
None known

## Section 11: Toxicological information

<b>11.1 Information on toxicological effects</b>
<ul style="list-style-type: none"> <li>- <b>Acute toxicity</b> N/A</li> <li>- <b>Irritation</b> N/A</li> <li>- <b>Corrosivity</b> N/A</li> <li>- <b>Sensitisation</b> N/A</li> <li>- <b>Repeated dose toxicity</b> N/A</li> <li>- <b>Carcinogenicity</b> N/A</li> <li>- <b>Mutagenicity</b> N/A</li> <li>- <b>Toxicity for reproduction</b> N/A</li> </ul>
<p><b>Toxicological information of the mixture:</b> N/A</p> <p><b>Inhalation:</b> The inhalation of the product is unlikely under normal working conditions</p> <p><b>Eyes and skin:</b> May cause irritation to skin and eyes according to the contact time with product</p> <p><b>Ingestion:</b> May cause irritation to the gastrointestinal tract</p>

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## Section 12: Ecological information

<b>12.1 Toxicity</b>
N/A
<b>12.2 Persistence and degradability</b>
N/A
<b>12.3 Bioaccumulative potential</b>
N/A
<b>12.4 Mobility in soil</b>
N/A
<b>12.5 Results of PBT and vPvB assessment</b>
N/A
<b>12.6 Other adverse effects</b>
N/A

## Section 13: Disposal considerations

<b>13.1 Waste treatment methods</b>
National, local and EU regulations concerning waste disposal must be respected. Packaging: Dispose according to current regulations

## Section 14: Transport information

<b>14.1 UN No.</b>
Not classified as dangerous in the meaning of transport regulations.
<b>14.2 UN Proper shipping name</b>
N/A
<b>14.3 Transport hazard class</b>
N/A
<b>14.4 Packing group</b>
N/A
<b>14.5 Environmental hazards</b>
<i>ADR-Environmental Pollutant:</i> NO
<i>IMDG-Marine Pollutant:</i> NO
<b>14.6 Special precautions for user</b>
N/A
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>
N/A

## Section 15: Regulatory information

<b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>
No substance-specific regulations apply.
<b>15.2 Chemical safety assessment</b>
A Chemical Safety Assessment has not been carried out.

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## Section 16: Other Information

### 16.1 Indication of changes

Replaces version. MSDS re-formatted in-line with regulation 1907/2006 all sections affected.

### 16.2 Disclaimer

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