Pol. Industrial Lezama-Leguizamon
C/ Gorbeia nº 11 (48450)
Etxebarri – Bizkaia, Spain

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Printed	Jan-2020	**RootJuice**	Revision	2020

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

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

Section 2: Hazards identification

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

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Section 3: Compostion/information on ingredients

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

Section 4: First Aid Measures

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

Section 5: Firefighting Measure

Fire class:	**Non flammable**
5.1 Extinguishing media:	
Suitable extinguishing media: **Water spray, foam, carbon dioxide (CO2)** *Unsuitable extinguishing media:* **None**	
5.2 Special hazards arising from the substance:	
In case of fire avoid to breath fumes, toxic fumes (NOx, COx) may be released.	
5.3 Advice for firefighters	
In case of fire and in close proximity wear heat resistant protective clothes and air respiratory equipment.	

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel:

Keep people not involved in the emergency intervention away from the affected area.

Alert the internal emergency responsible person.

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 Containment and cleaning up methods and material:

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 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: Handeling 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 accessing 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

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

Appearence (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	**1.05**	
Explosive properties	**N/A**	
Oxidising properties	**N/A**	

9.2 Other information:

Miscibility:	**N/A**
Fat Solubility:	**N/A**
Conductivity: mS/cm	**N/A**
Substance Groups relevant properties:	**N/A**

Section 10: Stability and reactivity

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

Section 11: Toxicological information

11.1 Information on toxicological effects

- Acute toxicity
N/A
- Irritation
N/A
- Corrosivity
N/A
- Sensitisation
N/A
- Repeated dose toxicity
N/A
- Carcinogenicity
N/A
- Mutagenicity
N/A
- Toxicity for reproduction
N/A

Toxicological information of the mixture:	**N/A**
Inhalation:	**The inhalation of the product is unlikely under normal working conditions**
Eyes and skin:	**May cause irritation to skin and eyes according to the contact time with product**
Ingestion:	**May cause irritation to the gastrointestinal tract**

Section 12: Ecological information

12.1 Toxicity

N/A

12.2 Persistence and degradability

N/A

12.3 Bioaccumulative potential

N/A

12.4 Mobility in soil

N/A

12.5 Results of PBT and vPvB assessment

N/A

12.6 Other adverse effects

N/A

Section 13: Disposal considerations

13.1 Waste treatment methods

National, local and EU regulations concerning waste disposal must be respected. Packaging: Dispose according to current regulations

Section 14: Transport information

14.1 UN No.

Not classified as dangerous in the meaning of transport regulations.

14.2 UN Proper shipping name

N/A

14.3 Transport hazard class

N/A

14.4 Packing group

N/A

14.5 Environmental hazards

ADR-Environmental Pollutant:	**NO**
IMDG-Marine Pollutant:	**NO**

14.6 Special precautions for user

N/A

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

N/A

Section 15: Regulatory information

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

No substance-specific regulations apply.

15.2 Chemical safety assessment

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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Product is extracted from GMO free ingredients. Product is organic.