



Rootella® L Safety Data Sheet

Section 1: Product Information and Company Identification

- Product name: Rootella® L
- Manufacturer: Groundwork BioAg, Ltd.
- Address: 27 Hashahar St., Moshav Mazor, 7316000 Israel
- Phone: +972-77-5020806
- Prepared by: Groundwork BioAg, Ltd.
- Date: March 10, 2022
- Recommended Use: Inoculant for agriculture

Section 2: Hazard Identification

- Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
- Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.
- No hazard symbols required.

Section 3: Composition / Information on Ingredients

Ingredient	CAS Number	Percent	Exposure Limits
Non-controlled ingredients		100%	None

Section 4: First Aid Measures

- Eye Contact: Flush generously with fresh water. Avoid rubbing eyes. If irritation develops, seek medical attention.
- Skin Contact: Wash with soap and water. If irritation develops, seek medical attention
- Inhalation: If difficulty in breathing occurs, move to fresh air. Get medical assistance if complications occur.
- Ingestion: Drink generous amounts of water seek medical attention if significant quantities have been ingested.

Section 5: Firefighting Measures

- Explosion Data: Not explosive.
- Extinguishing Media: Product will not burn.
- Flammability: Not flammable or combustible.
- Flash Point: Not applicable.
- Auto Ignition: Not applicable.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions:

Recommended to wear safety goggles and gloves.

Emergency Procedures:

None known.



Environmental Precautions:

None known.

Methods and Material for Containment and Cleaning Up:

None known

Section 7: Handling and Storage

- Avoid unnecessary skin contact.
- Recommended to wear safety goggles and gloves.
- Do not breathe fumes.
- Store in cool, dry, well-ventilated area.
- Keep container tightly sealed when not in use.
- Avoid extreme temperatures, do not refrigerate or freeze.
- Store between 5-25°C (40-77°F) in a dark place and protected from direct sunlight or heat source.

Section 8: Exposure Controls / Personal Protection

- Appropriate Engineering Controls: Local exhaust or containment.
- Skin protection: Use gloves to avoid skin irritation.
- Respiratory Protection: No respiratory protection is necessary.
- Eye Protection: It is recommended to wear safety goggles

Section 9: Physical / Chemical Properties

- Appearance: Liquid, Amber brown
- Odor: Slight odour
- Acidity: pH 7.2-7.6, in 10% aqueous solution (water pH 7.5)
- Boiling Point: 100° C
- Flash Point: No data available
- Melting Point: 0° C
- Vapor Pressure: No data available
- Bulk Density: No data available.
- Solubility: No data available

Section 10: Stability and Reactivity

- Chemical stability: Stable
- Compatibility with other substances: Non-reactive, compatible with all substances
- Hazardous decomposition / byproducts: None expected
- Conditions to avoid: None known

Section 11: Toxicological Information

No toxic effect known, including sensitization, narcosis or carcinogenicity.

Section 12: Ecological Information

- Ecotoxicity: None known.
- Persistence and Degradability: None known.
- Bioaccumulation Potential: None known.
- Mobility in Soil: None known.



- Other Adverse Effects: None known.

Section 13: Disposal Considerations

Rootella® L can be disposed as non-toxic and inactive material in approved landfill sites in accordance with local regulations.

Section 14: Transport Information

Not regulated under US Department of Transportation (DOT) Regulations.
Not regulated under Canadian Transportation of Dangerous Goods (TDG) regulations.
Not regulated under European Land transport (ADR/RID) Regulations.
Not regulated under European Inland waterway transport (AND) Regulations.
Not regulated under International Maritime Dangerous Goods (IMDG) Regulations.
Not regulated under International Air Dangerous Goods (ICAO-TI / IATA-DGR) Regulations.

Section 15: Regulatory Information

Rootella® L is not classified as dangerous for supply under EEC regulations.
Rootella® L does not require labelling for safety information or risk information.

The above information is accurate and reliable to the best of our knowledge, to date. However, this information should not be interpreted as a guarantee of accuracy or be considered complete. No warranty of any kind is given or implied and Groundwork BioAg, Ltd. will not be considered responsible for any damage, loss, injury or consequential damage which may result from the use or reliance on any information contained. Users must do their own research as to the pertinence of this information for specific use.

Section 16: Other Information

All the microorganisms contained in this formulation are of group 1 according to Directive 2000/54/EC (on the protection of workers from risks related to exposure to biological agents at work). Microorganisms from group 1 are unlikely to cause human disease.