

PLANT REVOLUTION

Safety Data Sheet Mycopro Ag Plus. Item Code: #FGMYPRAGPL-1LB Update: January 2023
According to Regulation (EC) No. 1907/2006 (REACH), as amended by Regulation (EC) No. 2020/878

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identification:

Trade name: Mycopro Ag Plus. Item Code: #FGMYPRAGPL-1LB

Active ingredient: Beneficial arbuscular mycorrhizal fungi (AMF): *Rhizophagus intraradices*, *R. irregularis*, *Septoglomus deserticola*, *Funneliformis mosseae*, *Claroideoglosum etunicatum*, *C. claroideum*, *R. clarus*, *R. fasciculatus* and *R. diaphanous*.

1.2 Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

Application of the substance/ the mixture:

Agriculture, forest and landscape systems

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

Plant Revolution Inc.

412 Goetz Ave

Santa Ana, CA 92707 United States

Further information obtainable

from:

Email: ben@plant-success.com

1.4 Emergency telephone number: 1.714.856.3848

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP Regulation

The product is not included in the list of hazards in the OSHA / WHMIS / GHS regulations.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008: None

Hazard pictograms: None

Signal word: None

Hazard statements: None

2.3 Exemption of Reach registration:

The EC Regulation No. 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), reported in ANNEX 5 "EXEMPTION FROM THE OBLIGATION TO REGISTER IN ACCORDANCE WITH ARTICLE 2 , PARAGRAPH 7, LETTER b), a list of substances exempted from the registration

2.4 Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterisation: Substances

Identification number(s): Not applicable

3.2 Chemical characterisation: Mixtures

Description: Solid product based on beneficial Non-GMO arbuscular mycorrhizal fungi (AMF) for agricultural, forest and landscape systems. The microbial isolates are presented in the product as infective propagules (spores, vesicles and pieces of mycelium and colonized pieces of roots by AMF).

Composition: non-dangerous components	
CAS: 1318-02-1 REACH: Non-applicable EC: Non applicable OSHA / WHMIS / GHS regulations: Not included	Zeolite

4. FIRST AID MEASURES

Eye: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Contact a doctor.

Skin: In case of contact, immediately wash skin with soap and copious amounts of water. Wash contaminated clothing before reuse.

Inhalation: Remove patient from affected area. Avoid inhalation of dust from the product. If symptoms persist, respiratory problems seek medical advice.

Ingestion: If swallowed by accident and detects any signs of illness, consult your doctor immediately with this safety data sheet.

5. FIREFIGHTING MEASURES

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

Fire-fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

6. ACCIDENTAL RELEASE MEASURES

Steps to Be Taken in Case Material is Released or Spilled: Use methods to clean spill which avoid creating airborne dust. Avoid breathing dust by using adequate ventilation and/or NIOSH or MSHA approved respirator for nuisance dust of this type. If spilled, simply sweep or vacuum up spilled product, dispose as soil. Decontamination is unnecessary. No environmental hazards.

7. HANDLING AND STORAGE

Store in an area away from direct sunlight, avoid storage above 8 °C or below 0 °C, kept tightly closed when not in use and avoid storing in a humid environment.

Always wash hands with soap and water before handling food or smoking.

Use chemical hygiene practices when working with any chemical.

Other Precautions: None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required for normal use.

Skin Protection: Wash hands with soap and water. Use suitable skin protection cream. Protective gloves are recommended. Latex examination gloves are adequate to prevent prolonged skin contact.

Eye Protection: The use of safety glasses with side shields or splash goggles for packaging jobs. Wear protective goggles if intrusion into high dust area is necessary

Protective Clothing: None required, however, avoiding prolonged contact with the skin of the laundry.

Ventilation: Local exhaust ventilation should be sufficient. If used in a manner which creates a mist, mechanical ventilation may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid powder
Particle size:	0 – 120 µm with Pieces of roots of 0 – 130 µm
pH in water (1:5):	6 ± 1
Dry matter:	90 – 95 %
Relative density (H ₂ O=1)	0.4 – 0.6 kg/l

10. STABILITY & REACTIVITY INFORMATION

Stable for a period of 24 months if stored in a cool, dry place, away from direct sunlight.

Incompatibility: None known.

Hazardous Decomposition or by-products: None.

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

ROUTE OF EXPOSURE

Eye: Exposure to airborne dust may cause immediate or delayed irritation. Eye contact by large amounts of dry powder may cause eye irritation.

Skin Contact: Prolonged contact in sensitive individuals may cause irritation, contact dermatitis and dry

Inhalation: No known effects, however, product is a fine dust and lung injury (silicosis) could be possible from excessive inhalation over an extended period. May cause irritation to the respiratory system

Signs and Symptoms of Exposure: None known

12. ECOLOGICAL INFORMATION

Toxicity: No described.

Persistence and degradability: Partially biodegradable product. The non-degradable fraction is composed of natural substrate from rock.

Bioaccumulative potential: Not bioaccumulative if used according to the manufacturer's recommendations.

Mobility in soil: No described.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Collect material, place in a suitable container for reuse or disposal.

Dispose of material in accordance with federal, state and local.

Precautions to be taken in handling and storing: Store in a place away from children, food and drinking water.

Store in an area away from direct sunlight, avoid storage above 8 °C or below 0 °C, kept tightly closed when not in use and avoid storing in a damp environment.

Always wash hands with soap and water before handling food or smoking.

No special requirements other than to prevent dust emission.

Use chemical hygiene practices when working with any chemical.

Other Precautions: None

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name: None

Non-Hazardous For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

IATA

Non-Hazardous For Aid Transport: Non-Hazardous For Air

15. REGULATORY INFORMATION

EC Classification: No classified as hazardous

H- and P-Phrases:

P-phrases (Prevention precautionary statements):

P102 - Keep out of the reach of children

P270 - Do not eat, drink or smoke during use

H-phrases: None

16. OTHER INFORMATION

The product is used as a natural ingredient of fertilizer for plants. The information reflected herein is referred to the product unaltered, and according to the manufacturer's specifications, being a guide to the handling, use, processing, storage, transportation and safe disposal and should not be considered a warranty or specification quality. Data expressed are based on product knowledge to date of revision of the document.