

MICROFLORA S.A.

NON-PLANT FOOD INGREDIENTS

TOTAL ACTIVE INGREDIENTS

<i>Bacillus amyloliquefaciens</i> ABN110 (formerly <i>B. subtilis</i>) 2 x 10 ⁹ cfu/ml.....	1.5%
<i>Bacillus amyloliquefaciens</i> ABN23 2 x 10 ⁹ cfu/ml.....	1.5%
TOTAL INERT INGREDIENTS.....	97%

PURPOSE OF PRODUCT

Microflora S.A. is formulated to amend the soil in food crops and ornamental plants. It consists of a liquid formulation consortium of natural rhizobacteria. Microflora S.A. is formulated to enhance plant growth, by improving the availability of plant nutrients through the root system. Microflora S.A. is recommended for production in agriculture, greenhouses, nurseries and hydroponic systems for adult plants, cuttings, seedlings and transplantation.

DIRECTIONS FOR USE

SHAKE WELL BEFORE USE.

Use the product immediately after dilution. Do not keep the product diluted for later usage.

Do not mix with antibiotics, peroxides, quaternary ammoniums, hypochlorites or other antibacterial products.

Except for fertilizers, do not mix and do not apply the same day with other products without the advice from Koppert Biological Systems, Inc.

Test product effects on a small number of samples before using. Results may vary from one site to another or in time.

Soil and Substrate Application:

DILUTION FOR SMALL SURFACE DRENCH: Mix at a ration of 1-2:1000 (vol:vol). DOSAGE PER SURFACE: Apply at a rate of 14-28 oz of concentrate per acre (1-2 L/Ha).

Fill the tank with roughly half the amount of water required and keep stirring. Slowly add the product. Adjust to the final required volume.

Apply solution to drench the soil or the substrate. The volume used may vary depending on the type of plants and their stage of development.

Start treatment with two applications 14 days apart. Repeat applications at a frequency of 14-28 days. Keep the frequency of application every 14 days during periods of unfavorable conditions.

DRIPPING SYSTEMS: Pre-diluted in at least 13 gal. (50 liters) and adjust the injector to dispense the product over the entire targeted surface to obtain 14-28 oz/acre (1-2L/Ha).

IN FURROW SEEDING AND PLANTING: Apply at a rate of 1.4-2.8 oz/acre (100-200ml/Ha). Apply in the furrow at planting or seeding. Compatible with fertilizer in tank mix.

SEED TREATMENT: Apply at a rate of 1.4-2.8 oz/acre (100-200 ml/Ha) for soybean (contact manufacturer for other crops). Apply to the seeds by spraying or with a seed inoculation system. Compatible with microbial inoculants.

GROWING SUBSTRATE: Microflora S.A. may be applied to a growing substrate or potting soil for later use. Suggested application rate is 7 oz / 2200 lbs (0.2L/1000kg) of substrate or soil. Use dilution using a minimum of water to evenly distribute the product using specialized equipment.

MIXING WITH FERTILIZERS: Microflora S.A. is compatible mixed with liquid fertilizers (including concentrates) or applied (impregnation) on granular fertilizer. Mix or apply Microflora S.A. to the fertilizer using a concentration necessary to obtain a final dosage of 14-28 oz/acre (1-2 L/Ha) when the fertilizer is applied to the plants.

DIRECTIONS FOR USE (cont.)

Spray Application:

DOSAGE PER DILUTION: Mix at a ratio of 2:1000 (vol:vol). The sprayed volume may vary depending on the type of plants and its stage of development.

DOSAGE PER SURFACE: Apply at a rate of 14-28 oz of concentrate/acre (1-2L/Ha).

For ultra-low volume (ULV), including PulsFog Bio™, calculate the amount based on standard spray volume.

Start treatment with two applications 7 days apart. Repeat applications at a frequency of 14-28 days. Keep the frequency every 7-14 days during periods of unfavorable conditions.

STORE AT 35°F - 77°F (2°C - 25°C)

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

May cause sensitization. Avoid contact with eyes, skin or clothing. Avoid inhaling/breathing mist. Wear long-sleeved shirt, long pants, shoes plus socks, waterproof gloves and NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when handling and during all clean-up and repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

If swallowed: call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. If on skin/clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor immediately for advise. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. Call a poison control center or doctor for treatment advise. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye during 15-20 minutes. Generalities: Move the person to a safe and uncontaminated place. Call a poison control center or doctor for treatment advise. Take container, label or product name with you when seeking medical attention.

Toxicological Information: Treat the symptoms. Monitor the patient until the swallowed matter is no longer in their system.

NET CONTENT: 1 gal (3.785 liters)

NET WEIGHT: 8.345 lbs (3.785 kg)

EXPIRATION DATE: _____

LOT #: _____

Made in USA by **Abnatura, Inc.** (www.abnatura.com) (for)

Guaranteed by:

KOPPERT BIOLOGICAL SYSTEMS, INC

1502 Old US 23

Howell, MI 48843

(800) 928-8827 Toll-free

F002292

(B v.3 CA)

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