



**MATERIAL SAFETY DATA SHEET**

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**MSDS # 1000**

**Revision #002**

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**SECTION I. IDENTIFICATION**

**Professional Growing Media**

Product Names:

Sunshine Mix #1, Sunshine Basic Mix #2, Sunshine Germinating Mix #3, Sunshine Mezcla Mix #3, Sunshine Aggregate Mix #4, Sunshine Plug Mix #5, Sunshine Pre-Mix #6; Sunshine Mix # 8, Sunshine Growers Germination, Sunshine SC1, Sunshine Growers A, Sunshine LC1 Mix, Sunshine LB2 Basic Mix, Sunshine LG3 Germinating Mix, Sunshine LA4 Aggregate Plus Mix, Sunshine LP5 Plug Mix, Sunshine LPM6 Pre-Mix, Sunshine LC8 Mix, Professional Blend Mixes, Sunshine Special Blend, Sunshine Custom Blends, Sunshine LT3 Mix, LT5 Plug Mix

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**SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Component:

Nuisance particulates of variable composition

Exposure Limits:

	OSHA PEL	ACGIH TLV
Respirable mass	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Total mass	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

May Contain:

Natural Peat, natural aggregates such as Perlite (CAS #93763-70-3), Vermiculite (CAS #118-00-9), Calcium Sulfate (CAS #10101-41-4), Calcium Carbonate (CAS #471-34-1), Coir, Pumice, Dolomitic Limestone and other inorganic and organic compounds in low concentrations.

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**SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

Appearance and Odor:

Brown, fibrous, soilless growing media, earthy odor

Boiling Point:

Not applicable

Vapor Pressure:

Not applicable

Solubility in Water:

Not applicable

Specific Gravity (H<sub>2</sub>O)=1):

Bulk density of 0.15 g/cc

Melting Point:

Not applicable

Evaporation Rate:

Not applicable



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#### **SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

<u>Flash Point:</u>	Not applicable
<u>Flammable Limits:</u>	Not applicable
<u>Extinguishing Media:</u>	Any
<u>Special Fire Fighting Procedures:</u>	None, Caution, burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished. The thermal decomposition products are those commonly observed with natural products such as wood or other vegetative matter.
<u>Unusual Fire and Explosion Hazards:</u>	None

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#### **SECTION V. REACTIVITY DATA**

<u>Stability:</u>	Stable
<u>Conditions to Avoid:</u>	None known
<u>Incompatibility:</u>	None known
<u>Hazardous Decomposition or byproducts:</u>	Does not occur except during pyrolysis. <i>See Section IV.</i>
<u>Hazardous Polymerization:</u>	Will not occur

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#### **SECTION VI. HEALTH HAZARD DATA**

<u>Routes of Entry:</u>	Inhalation, open wounds, eyes
<u>Health Hazards:</u>	Nuisance dust, may contain peat, Perlite (CAS #93763-70-3), Vermiculite (CAS #1318-00-9), Calcium Sulfate (CAS #10101-41-4), Dolomitic Limestone, and Calcium Carbonate (CAS #471-34-1).
<u>Carcinogenity:</u>	None known
<u>Effects of Exposure:</u>	Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membranes and make lungs more vulnerable to respiratory disease.
<u>Emergency and First Aid Procedures:</u>	If inhaled, provide fresh air. If eye irritation occurs, flush with water. Keep open wounds covered and clean as suggested by any good program of hygiene.

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## **SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE**

### Steps to be Taken in Case Material is Released or Spilled:

Use methods to clean spill which avoid creating airborne dust. Remove for disposal or incorporation into soil or garden.

### Waste Disposal Method:

According to EPA 40 CFR261.3, waste of this product is not defined as hazardous. Dispose of all waste in accordance with federal, state and local regulations.

### Precautions to be Taken in Handling and Storing:

If excessive dust is created avoid breathing dust by using adequate ventilation and/or using NIOSH or MSHA approved respirator for nuisance dust of this type. Breathing dust may be harmful to your health.

### Other Precautions:

Protective eyewear should be worn where dust levels are high enough to cause irritation.

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## **SECTION VIII. CONTROL MEASURES**

### Respiratory Protection:

If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

### Ventilation:

Local exhaust advisable if excessive dust is created.

### Protective Gloves:

Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

### Eye Protection:

Protective eyewear should be worn where dust levels are high enough to cause irritation.

### Other Protective Clothing or Equipment:

Normal work clothing

### Work/Hygienic Practices:

NIOSH or MSHA approved respirator, eye protection and ventilation under conditions where excessive dust is created. Open wounds should be kept clean and suitably protected.

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## **SECTION IX. SUPPLEMENTAL INFORMATION**

These materials are made from natural products and may contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark, etc., should be observed.

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