

**MATERIAL SAFETY DATA SHEET**

**SUN GRO HORTICULTURE CANADA LTD.**

**P.O. Box 189  
Seba Beach, AB  
TOE 2B0  
Canada**

**For Health, Safety and Environmental Information call: Western Region 1-888-757-3020, Central Region 1-888-982-4500 or Eastern Region 1-888-896-1222.**

**Date of Preparation 03/28/02**

**MSDS # 3000**

**Revision #002**

**SECTION I. IDENTIFICATION**

**Retail Growing Mixes, Soil Amendments & Mulches**

Product Names:

Sunshine Professional Growing Mix, Sunshine Container Potting Mix, Sunshine All Purpose Planting Mix, Sunshine Rose & Garden Flower Planting Mix, Sunshine African Violet Mix, Sunshine Cactus Mix, Sunshine Seed Starter Mix, Sunshine Tree & Shrub Mix, Sunshine Kid’s Planting Mix, Sunshine Premium Planting Mix, Sunshine Premium Potting Soil, Sunshine Professional Blend Potting Soil, Sunshine Azalea, Camellia & Rhododendron Growing Mix, Sunshine Bulb Mix, Sunshine Greenhouse Grower’s Mix, Sunshine Organic Manure, Sunshine Lawn & Garden Topsoil, Sunshine Pine Soil Conditioner, Sunshine Pine Bark Mulch, Sunshine Pine Bark Nuggets, Sunshine Pine Bark Mini-Nuggets, Sunshine Hardwood Mulch, Sunshine Proven Winners Premium Potting Soil, Sunshine Peat Moss Plus!, Black Gold All Purpose Mix, Black Gold Water Hold, Black Gold Seedling Mix, Black Gold Cactus Mix, Black Gold Bonsai Mix, Black Gold African Violet Mix, Black Gold Orchid Mix, Black Gold Planting Mix, Black Gold Pumice, Black Gold Charcoal, Black Gold Washed Sand, Black Gold White Rock, Black Gold Orchid Bark, Black Gold Washed Gravel, Nature’s Premium Potting Mix, Nature’s Basic Potting Soil, Nature’s African Violet Mix, Nature’s Cactus Mix, Nature’s Landscaper’s Soil Amendment. Sun Gro Private Label Brands: Gaviota Potting Soil, Archies, Cornelius, Molbaks, Gleggs, Marshalls, Turf Care, Dutch Treat, Fred Meyer, Garden Club, Pay Dirt, Black Earth, ECGC, Top Notch, Northwest Best, Lizard Litter, Natural Guard, Hi-Yield, Wild Oats.

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

Component:

Nuisance particulates of variable composition

Exposure Limits:

	OSHA PEL	ACGIH TLV
Respirable mass	5 mg/m3	5 mg/m3
Total mass	15 mg/m3	10 mg/m3

May Contain: Natural Peat, natural aggregates such as Perlite (CAS #93763-70-3), Vermiculite (CAS #1318-00-9), Coir, compost, Calcium Carbonate (CAS #471-34-1), bark, sand, peanut hulls, sawdust, Calcium Sulfate (CAS #10101-41-4), Dolomitic Limestone, pumice, worm casting, acrylic Polymers in primary forms (CAS #3906-90-50-00), wetting agent, and other inorganic and organic compounds in low concentrations.

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### **SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS**

Appearance and Odor: Brown, fibrous, growing media, earthy odor

Boiling Point: Not applicable

Vapor Pressure: Not applicable

Solubility in Water: Not applicable

Specific Gravity (H2O)=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**

Flash Point: Not applicable

Flammable Limits: Not applicable

Extinguishing Media: Any

Special Fire Fighting Procedures: 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.

Unusual Fire and Explosion Hazards: None

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

Stability: Stable

Conditions to Avoid: None known

Incompatibility: None known

Hazardous Decomposition or byproducts: Does not occur except during pyrolysis. *See Section IV.*

Hazardous Polymerization: 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), bark, sand, peanut hulls, and Calcium Sulfate (CAS #10101-41-4) Dolomitic Limestone, acrylic polymers in primary forms (CAS #3906-90-50-00).
<u>Carcinogenicity:</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**

<u>Steps to be Taken in Case Material is Released or Spilled:</u>	Use methods to clean spill which avoid creating airborne dust. Remove for disposal or incorporation into soil or garden.
<u>Waste Disposal Method:</u>	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.
<u>Precautions to be Taken in Handling and Storing:</u>	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.
<u>Other Precautions:</u>	Protective eyewear should be worn where dust levels are high enough to cause irritation.

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## **SECTION VIII. CONTROL MEASURES**

<u>Respiratory Protection:</u>	If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.
<u>Ventilation:</u>	Local exhaust advisable if excessive dust is created.
<u>Protective Gloves:</u>	Not normally necessary but suggested in cases of open wounds that are not appropriately protected.
<u>Eye Protection:</u>	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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