



MSDS - Sarritor Granular Biological Herbicide

Section 1: Product Identification

Manufacturer's Name		Supplier's Name	
Sylvan Bioproducts		4260864 Canada Inc.	
Street Address		Street Address	
198 Nolte Drive		104 Rhapsodie	
City	State	City	Province
Kittanning	PA	NDIP	QC
Zip Code	Emergency Tel:	Postal Code	Emergency Tel:
16201	724-543-3948	J7V 8P1	(514) 220-7142
Chemical Name		Chemical Family	Chemical Formula
<i>Sclerotinia minor</i> strain IMI 344141		N/A	N/A
Product Use			
Naturally occurring weed control for dandelions in turf			

Section 2: Hazardous Ingredients

There are no hazardous ingredients in the Sarritor Granular Biological Herbicide.

Section 3: Physical Data

Physical State	Odour and Appearance		Odour Threshold
Solid at room temperature	Odourless to faintly sour beige dry granular		Not available
Vapour Pressure	Vapour Density		Evaporation Rate
Not applicable	Not applicable		Not applicable
Boiling Point	Freezing Point		Critical Temperature
Not applicable	Not applicable		Not applicable
PH	Specific Gravity	Solubility in Water	Coeff of Water/Oil Distr.
4.7	1.03 g/ml	Not applicable	Not applicable

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Section 4: Fire and Explosion Data

Flammability	
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Sarritor Granular Biological Herbicide is non flammable	
Means of Extinction	
Use extinguishing media appropriate for surrounding fire.	
Special Procedures	
Not applicable	
Flashpoint and Method	Auto Ignition Temperature
Non flammable	Not applicable
Upper Explosion Limit (% by volume)	Lower Explosion Limit (% by volume)
Not applicable	Not applicable
Hazardous Combustion Products	
None	
Sensitivity to Impact	Sensitivity to Static Discharge
Not sensitive	Not sensitive

Section 5: Reactivity Data

Chemical Stability – (if no, under which conditions?)
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Product does not degrade
Incompatibility with other substances
None
Reactivity, and under what conditions?
None
Hazardous Decomposition Products
None

Section 6: Toxicological Properties (Health Hazard Information)

Route of entry		
Ingestion <input checked="" type="checkbox"/>	Skin Absorption <input type="checkbox"/>	Eye Contact <input checked="" type="checkbox"/>
Inhalation Acute <input checked="" type="checkbox"/>	Inhalation Chronic <input type="checkbox"/>	Skin Contact <input checked="" type="checkbox"/>
Effects of Acute Exposure to Material		
SOLID: Dust may have toxic effect if inhaled		
Effects of Chronic Exposure to Material		
None		
Lethal Dose/Concentration (Specify Species and Route)		
Oral LD ₅₀ > 5.4 x 10 ⁷ Colony Forming Units (CFUs)/kg of body weight (rats)		
Irritancy		Synergistic Material
Non-irritating to mildly irritating		Not applicable
Exposure Limits		
TWA – Not applicable	STEL – Not applicable	IDLH – Not applicable
Sensitizing Capability	Carcinogenicity	Reproductive Effects
May cause sensitizing	None	None

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Section 7: Preventive Measures

Personal Protective Equipment
Wear a long sleeved shirt, long pants, shoes plus socks, waterproof gloves, and the attached dust/mist filtering respirator (MSH/NIOSH approval number prefix TC-21C) or NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products.
Engineering Controls (Specify: e.g. Ventilation, Enclosed Processes)
None
Leak and Spill Procedures
Collect all unused material and dispose at provincially or municipally designated hazardous waste disposal sites.
Handling Procedures and Equipment
DO NOT breathe dust. Wear a long sleeved shirt, long pants, shoes plus socks, waterproof gloves, and the attached dust/mist filtering respirator (MSH/NIOSH approval number prefix TC-21C) or NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when handling, mixing/loading or applying the product and during all clean-up/repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.
Storage Requirements
Keep refrigerated (4C). Store no longer than 7 months from the date of manufacture. OR Store in a cool place (up to 20C). Store no longer than 3 months from the date of manufacture.
Special Shipping Information
Keep refrigerated (4C)

Section 8: First Aid Measures

Get medical attention if irritation or signs of toxicity occur and persist or are severe.
SWALLOWED: Rinse mouth and throat with plenty of water.
SKIN/CLOTHING: Take off contaminated clothing. Wash exposed skin with plenty of soap and water.
INHALATION: Move to fresh air.
EYE: Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present, then continue rinsing eye.

Section 9: Preparation Data

Prepared by	
Jeff Watson (4260864 Canada Inc.)	
Date	Phone Number
April 13, 2007	(514) 220 7142