

## Material Data Safety Sheet

**Identity (as used on label or list)**

Root Aid

**Manufacturer**

 Down To Earth Distributors  
 P.O. Box 1419; Eugene, OR 97440

**Emergency Telephone Number:**

541-485-5932

**Information Telephone Number:**

541-485-5932

**Date Prepared**

1/10/05

**Section 2- Hazardous Ingredients / Identity Information**

Hazardous Components (Specific Chemical Identity; Common Names)

OSHA/PEL ACGIH TLV Other Limits %

Vitamin B (Thiamine) &lt;1%

Vitamin C (Asorbic Acid) 10%

Vitamin E (a-tocopherol) &lt;1%

**Section 3 - Physical / Chemical Characteristics**

Boiling Point:	N/A	Specific Gravity (H <sub>2</sub> O=1)	.84
Vapor Pressure (aa Hg):	N/A	Melting Point:	>400°F
Vapor Density (Air = 1):	N/A	Evaporation Rate (Butyl Acetate + 1):	N/A
Solubility in Water:	Forms Gel		
Appearance and Odor:	Dark Grey to Black Powder		

**Section 4 - Fire and Explosion Hazard Data**

Flash point (Method Used):	N/A	Flammable Limits:	This material is slightly combustible due to residual protein. Direct flame results in short lived sustained flame. Dust explosion conditions unknown. Use water to extinguish.
Extinguishing Media:	Water, CO <sub>2</sub> , dry chemical foam		
Special Fire Fighting Procedures:	Treat as class A		
Unusual Fire and Explosion Hazards:	Avoid production of an extremely dusty air space in areas of local burning or electrical sparking	LEL:	N/A
		UEL:	N/A

<b>Section 5 - Reactivity Data</b>			
Stability:		Stable	
Incompatibility (Products to Avoid):		None Known	
Hazardous Decomposition or Byproducts:		None Known	
Hazardous Polymerization:		Will Not Occur	
Condition to Avoid:		N/A	
<b>Section 6- Health Hazard Data</b>			
Route(s) of Entry	Inhalation: Avoid	Skin: Avoid Open Wound	Ingestion: Do Not Eat
Health Hazard (Acute or Chronic):		N/A	
Carcinogenicity:		N/A	
Signs and Symptoms of Exposure:		Possible stomach disorders if taken orally, possible lung congestion if breathed.	
<b>Section 7- Precaution for Safe Handling and Used</b>			
Steps to be taken in case material is released or spilled:		Sweep up with broom or remove with vacuuming.	
Waste Disposal Method:		Employ normal disposal procedures.	
Precaution to be taken in handling and storing:		Product should be kept in a dry place.	
Other Precautions:		None	
<b>Section 8- Control Measures</b>			
Respirator Protections:		Dust Mask with organic vapor filter.	
Ventilation:		Local Exhaust	
Protective Gloves:		Not required	
Eye Protection:		Goggles Recommended	
Other Protective Clothing or Equipment:		Not required	
Work / Hygienic Practices:		Wash to remove dust after use	

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