

**MATERIAL SAFETY DATA SHEET**

May be used to comply with  
OSHA's Hazard Communication  
Standard, 29 CFR 1910.1200

**U.S. Department of Labor**  
Occupational Safety and Health  
Administration, Form Approved  
OMB No. 1218-0072

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**Identity:** Pala-Tech™ Potassium Citrate Plus Cranberry Granules  
(Micro-Encapsulated Potassium Citrate & Cranberry Extract)

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**Section I:**

Name: Pala-Tech™ Laboratories, Inc.  
Address: 20633 Kaftan Court  
Lakeville, Minnesota 55044  
Telephone Number: 1-888-337-2446 (toll-free)  
Telefax Number: (952) 985-7735  
Date Prepared: April 20, 2006

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**Section II: Hazardous Ingredients/Identity Information**

Hazardous Components	OSHA	PEL	ACGIH	TLV	Other Limits Recommended
None	N/A	N/A	N/A	N/A	N/A

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**Section III: Physical/Chemical Characteristics**

Boiling Point:	N/A	Specific Gravity:	N/A
Vapor Pressure:	N/A	Melting Point:	N/A
Vapor Density:	N/A	Evaporation Rate:	N/A
Solubility in Water:	Less than 10%		
Appearance and Odor:	Characteristic chicken liver aroma		

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**Section IV: Fire and Explosion Hazard Data**

Flash Point:	N/A	Flammable Limits:	N/A
Extinguishing Media:	Water	LEL and UEL:	N/A
Special Fire Fighting Procedures:	None		
Unusual Fire and Explosion Hazards:	None		

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**Section V: Reactivity Data**

Stability:	Stable	Conditions to Avoid:	None
Incompatibilities:	None		
Hazardous Decomposition or Byproducts:	None		
Hazardous Polymerization:	Will not occur		

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**Section VI: Health Hazard Data**

Routes of Entry:	Inhalation? Possible dust	Skin? Possible allergies	Ingestion? Cranberries
Health Hazards:	Possible dust		
Carcinogenicity:	N/A	NTP:	None
IARC Monographs:	N/A	OSHA Regulated:	None
Sign and Symptoms of Exposure:	Sneezing, wheezing, or skin rash		
Medical Conditions Generally Aggravated by Exposure:	Some people with known allergies to cranberries and animal products		
Emergency/First Aid Procedures:	Wash with soap and flush area with sufficient amounts of water		

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## **Section VII: Precautions for Safe Handling and Use**

Special Steps to be Taken in Case

Material is Released or Spilled: None

Waste Disposal Method: Local landfill is acceptable

Precautions to be Taken in Handling  
and Storage:

People allergic to cranberries and animal products may sneeze,  
wheeze, or develop a skin rash

Other Precautions: None

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## **Section VIII: Control Measures**

Respiratory Protection: Dust mask if allergic

Ventilation-Local Exhaust: Whenever necessary

Ventilation-Mechanical: Whenever necessary

Protective Gloves: Need only if allergic to product to protect oneself for skin contact

Other Protective Equipment/Clothing: None

Work/Hygienic Practices: None

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