



## **SPECIFICATIONS**

### **GUARANA SEED EXTRACT POWDER (50% CAFFEINE)**

Botanical Name:	Paullinia cupana Hump.
Part of Plant Used:	Seeds
Country of Origin (Seeds):	Brasil
Country of Manufacture:	U. S. A.

### **PHYSICAL / CHEMICAL**

<b>TEST</b>	<b>SPECIFICATION</b>
Identification	Complies by TLC
Appearance	Free Flowing Powder
Color	Light Brown to Brown
Taste	Characteristic
Odor	Characteristic
Loss on Drying	NMT 5.00%
Assay (Caffeine)	NLT 50.00%

### **MICROBIOLOGICAL**

<b>TEST</b>	<b>SPECIFICATION</b>
Total Plate Count	NMT 3,000 ct/g
Yeast	NMT 100 ct/g
Molds	NMT 100 ct/g
E.Coli	Negative
Salmonella	Negative



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## **MATERIAL SAFETY DATA SHEET**

**PRODUCT:** GUARANA SEED P. E.

**MANUFACTURER:** Advanced Nutraceuticals, LLC  
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### **SECTION 1 : PRODUCT IDENTIFICATION**

**TRADE NAME:** N/A  
**SYNONYM:** N/A  
**CHEMICAL FAMILY:** N/A  
**FORMULA:** N/A  
**CAS NUMBER:** N/A

### **SECTION 2 : HAZARDOUS INGREDIENTS**

NONE

### **SECTION 3 : PHYSICAL DATA**

**BOILING POINT (°F):** N/A  
**VAPOR PRESSURE (mm Hg):** N/A  
**VAPOR DENSITY:** N/A  
**SOLUBILITY IN WATER:** Slightly soluble  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** N/A  
**PERCENT VOLATILE BY WEIGHT:** N/A  
**EVAPORATION RATE:** N/A  
**APPEARANCE:** Brown  
**SMELL:** Characteristic of Guarana



## MSDS – GUARANA SEED P. E. – continued page 2

### SECTION 4 : FIRE AND EXPLOSION HAZARD DATA

FLASH POINT :	N/A
FLAMMABLE LIMITS:	N/A
EXTINGUISHING METHODS:	N/A
SPECIAL FIRE FIGHTING PROCEDURES:	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A

### SECTION 5 : HEALTH HAZARD DATA

HEALTH HAZARDS:	No known hazards
CARCINOGENICITY:	None known
SIGNS AND SYMPTOMS OF EXPOSURE:	N/A
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Acutely hyperallergenic individuals may develop response to high levels of airborne dust.
EMERGENCY AND FIRST AID PROCEDURES:	If breathed and hyperallergenic reaction occurs, seek medical attention.

### SECTION 6 : REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	None known
HAZARDOUS DECOMPOSITION OR BY PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur



## MSDS – GUARANA SEED P. E. – continued page 3

### SECTION 7 : SPILL OR LEAK PROCEDURES

#### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep or vacuum powder and dispose of in sealed containers in regular trash. Alternatively, wash with water into regular drain system.

#### WASTE DISPOSAL METHOD:

Landfill or drain in accordance with applicable regulations of federal, state, and local authorities.

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store in closed containers. Avoid conditions creating dust or aerosol. Avoid exposure of skin or eyes and inhalation or ingestion.

### SECTION 8 : SPECIAL PROTECTION INFORMATION

#### EYE PROTECTION:

OSHA-approved safety goggles.

#### SKIN PROTECTION:

OSHA-approved rubber polyethylene gloves.

#### RESPIRATORY PROTECTION:

In presence of dust or aerosols, use respiratory equipment conforming to OSHA / NIOSH guidelines.

#### VENTILATION:

Local exhaust suitable to prevent dust release.

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Suitable to minimize skin contact.

#### WORK / HYGIENIC PRACTICES:

Maintain good housekeeping. Avoid generation or exposure to dust or aerosol.



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## **MSDS – GUARANA SEED P. E. – continued page 4**

### **SECTION 9 : SPECIAL PRECAUTIONS**

None.

