



## **SPECIFICATIONS**

### **GUARANA SEED EXTRACT POWDER (22% 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 22.00%           |

### **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



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

None.

