



## **SPECIFICATIONS**

### **CRANBERRY EXTRACT POWDER (20:1)**

|                                      |                       |
|--------------------------------------|-----------------------|
| Botanical Name:                      | Vaccinium macrocarpon |
| Part of Plant Used:                  | Fruit / Berries       |
| Country of Origin (Fruit / Berries): | U. S. A.              |
| Country of Manufacture:              | U. S. A.              |

### **PHYSICAL / CHEMICAL**

| <b>TEST</b>      | <b>SPECIFICATION</b>   |
|------------------|------------------------|
| Identification   | Complies by TLC        |
| Appearance       | Free Flowing Powder    |
| Color            | Pale Pink to Light Red |
| Taste            | Characteristic         |
| Odor             | Characteristic         |
| Loss on Drying   | NMT 5.00%              |
| Extraction Ratio | 20:1                   |

### **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:** Cranberry Extract Powder

**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:** Partially Soluble  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** N/A  
**PERCENT VOLATILE BY WEIGHT:** N/A  
**EVAPORATION RATE:** N/A  
**APPEARANCE:** Pale Pink to Light Red  
Free Flowing Powder

**SMELL:** Characteristic of Cranberry  
**TASTE:** Characteristic of Cranberry



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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 |



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### 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.

