



SPECIFICATIONS

COCOA EXTRACT POWDER (10% THEOBROMINE)

Botanical Name:	Theobroma Cocoa
Part of Plant Used:	Beans
Country of Origin (Seeds):	Brasil
Country of Manufacture:	U. S. A.

PHYSICAL / CHEMICAL

TEST	SPECIFICATION
Identification	Complies by TLC
Appearance	Free Flowing Powder
Color	Light Brown to Brown
Taste	Characteristic
Odor	Characteristic
Loss on Drying	NMT 5.00%
Assay (Theobromine)	NLT 10.00%

MICROBIOLOGICAL

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



Advanced Nutraceuticals, LLC

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MATERIAL SAFETY DATA SHEET

PRODUCT: COCOA BEAN P. E.

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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 (H₂O=1): N/A
PERCENT VOLATILE BY WEIGHT: N/A
EVAPORATION RATE: N/A
APPEARANCE: Light Brown to Brown
SMELL: Characteristic of Cocoa



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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.

