



MATERIAL SAFETY DATA SHEET

MACA POWDER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	Maca Powder
BOTANICAL NAME:	Lepidium Meyenii Walp
PRODUCT USE:	Personal Care Formulations
COMPANY NAME:	OrganicCrops E.I.R.L.
COMPANY ADDRESS:	Jr. Francisco Bolognesi 248-3, Tarapoto, 22202 San Martin, Perú
DATE ISSUED:	October 2016
REVISED:	December 2019
EMERGENCY TELEPHONE NUMBER:	+51 (0)42 602 067

2. HAZARDS IDENTIFICATION

DIRECTIVES	
OSHA:	This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).
GHS:	The product is not classified as hazardous according to GHS regulations (Regulation (EC) No 1272/2008).
CLP:	The product is not classified as hazardous according to the CLP regulation (Regulation (EC) No 1272/2008).
67/548/EEC:	Not applicable
1999/45/EC:	Not applicable
EU:	The product has to be labeled due to the calculation procedure of the "General Classification GUIDELINE FOR PREPARATIONS OF THE EU" IN THE LATEST VALID VERSION. The classification is according to the latest editions of the EU-lists, and extended by company and literature data. The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the COMPANY.
ROUTES OF ENTRY	
EYE CONTACT:	No known hazards
SKIN CONTACT:	No known hazards.
INGESTION:	No known hazards
INHALATION:	No known hazards
HMIS CLASSIFICATION	
HEALTH HAZARD	None
PHYSICAL HAZARDS	None
FLAMMABILITY	None
NFPA RATING	
HEALTH HAZARD	None

REACTIVITY HAZARD	None						
FIRE	None						
LABEL ELEMENTS							
(EC) NO 1272/2008:	Not regulated						
HAZARD PICTOGRAMS:	Not regulated						
SIGNAL WORD:	Not regulated						
HAZARD-DETERMINING COMPONENTS OF LABELING:	None						
HAZARD STATEMENTS:	Not regulated						
HAZARD DESCRIPTION:	None						
WHMIS - SYMBOLS:	Not hazardous under WHMIS						
NFPA RATINGS (SCALE 0 - 4)	<table border="1"> <tr> <td>HEALTH</td> <td>0</td> </tr> <tr> <td>FIRE</td> <td>0</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> </tr> </table>	HEALTH	0	FIRE	0	REACTIVITY	0
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HEALTH	0						
FIRE	0						
REACTIVITY	0						
OTHER HAZARDS							
PBT:	Not applicable						
VPVB:	Not applicable						

3. COMPOSITION/INGREDIENT INFORMATION

INGREDIENTS	
CHEMICAL IDENTITY:	Maca root, pulverized
COMPOSITION:	Powder of dried maca root
HAZARDOUS COMPONENTS:	None
EXPOSURE LIMITS:	None
CAS#:	N/A
UNII:	N/A
SYNONYMS:	Raw Maca Powder, Gelatinized Maca Powder

4. FIRST AID MEASURES

EYES:	Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
SKIN:	Wash with soap and water. Get medical attention if irritation persists.
INGESTION:	Food grade, no hazard.
INHALATION:	If inhaled, leave place of exposure to breath fresh air. If breathing becomes difficult, call a physician immediately.
NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:	None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	None
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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water Spray. Carbon Dioxide, dry chemical powder, or appropriate foam. Use fire extinguishing methods suitable to surrounding conditions.
SPECIAL FIRE FIGHTING PROCEDURES:	Under normal use, no special requirements, if extremely high levels generated in ambient air, material can support combustion.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Not established
HAZARDOUS COMBUSTION PRODUCTS:	Not established
CONDITIONS UNDER WHICH FLAMMABILITY COULD OCCUR:	Not established

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION:	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.
ENVIRONMENTAL PROTECTION:	Notify authorities if large amounts of product enters sewer.
METHODS FOR CLEANING UP:	Spilled product should be removed immediately to avoid formation of dust. Remove by mechanical means (i.e. vacuuming). Dilute remainder with plenty of water (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

SAFE HANDLING:	This product is completely innocuous. Avoid dust formation, avoid splashing and high pressure washing. Keep away from oxidizing agents, excessive heat and sources of ignition. Respiratory Protection: Not required under usual condition of use Hand Protection. Impermeable gloves recommended Wear safety glasses.
REQUIREMENTS FOR STORAGE AREAS AND CONTAINERS:	Store in a cool, dry location, away for sunlight and heat sources, in a sealed container in a well ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS:	Safety shower and eye bath. Mechanical exhaust required
PERSONAL PROTECTION	
EYE:	Safety glasses/splash goggles should be worn.
SKIN/BODY:	Lab coats and impermeable gloves are recommended.
RESPIRATORY:	Not needed under normal conditions of use.
VENTILATION	Handle in well ventilated areas.
OTHER:	
WORK/HYGIENE PRACTICE:	Normal work and hygiene practices for handling non-hazardous material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Powder
COLOR:	Cream

ODOR:	Characteristic of maca, after maca root
DENSITY:	Not established
VAPOR PRESSURE (MM HG.):	Not established
BOILING POINT:	Not established
MELTING POINT:	Not established
FLASH POINT:	482 °F / 250 °C
FLAMMABILITY (SOLID, GASEOUS):	92 °F / 200 °C
IGNITION TEMPERATURE:	554 °F / 290 °C
DECOMPOSITION TEMPERATURE:	Not established
SELF-IGNITING:	Not self-igniting
DANGER OF EXPLOSION:	Product does not present an explosion hazard.
SOLUBILITY IN / MISCIBILITY WITH WATER:	Partially soluble

10. STABILITY AND REACTIVITY

STABILITY:	Stable under recommended storage condition
CONDITIONS TO AVOID:	Excessive heat.
INCOMPATIBILITY (MATERIALS TO AVOID):	Avoid strong oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Hazardous decomposition products formed under fire conditions –
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE:	None. The product does not have any harmful effects to our experience and the information provided to us.
TOXICITY DATA	Non-toxic
IRRITANCY	
SKIN:	Not expected to be an irritant.
EYES:	Not expected to be an irritant.
CARCINOGENICITY:	None

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:	No ecological hazards are associated with this product. The product don't contains heavy metals. Specific preliminary treatments are not necessary. Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment is excluded.
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13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT CLASSIFICATION:	Not regulated; Ship as food stuff, not to be loaded with incompatible materials including poisons.
IMDG CLASSIFICATION:	Not dangerous goods.
IATA CLASSIFICATIONB:	Not dangerous goods.

15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS	
TSCA:	Not applicable
CERCLA:	
SARA TITLE III:	None of the ingredients are listed.
SARA 311/312 HAZARD CATEGORIES:	None of the ingredients are listed.
SARA 313 (SPECIFIC TOXIC CHEMICAL LISTINGS):	
SARA 355 EXTREMELY HAZARDOUS SUBSTANCES:	None of the ingredients are listed.
PROPOSITION 65:	None of the ingredients are listed.
EPA (ENVIRONMENTAL PROTECTION AGENCY):	None of the ingredients are listed.
IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):	None of the ingredients are listed.
TLV (THRESHOLD LIMIT VALUE ESTABLISHED BY ACGIH):	None of the ingredients are listed.
NIOSH-CA (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH):	None of the ingredients are listed.
OTHER	
WHMIS CLASSIFICATION:	
INTERNATIONAL REGULATIONS:	
OSHA:	No OSHA hazards
CANADIAN DOMESTIC SUBSTANCES LIST (DSL):	All components of this product are on the Canadian DSL list.
CANADIAN INGREDIENT DISCLOSURE LIST (LIMIT 0.1%):	None of the ingredients are listed.
CANADIAN INGREDIENT DISCLOSURE LIST (LIMIT 1%):	None of the ingredients are listed.

16: ADDITIONAL INFORMATION

This information is provided for documentation purposes only. This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of

your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.