

Material Safety Data Sheet

Product name: BIOFUNCTIONAL AÇAÍ EXTRACT
MSDS ID: 0268

Revision no.: 04
 Date of revision: 08. June.2011

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Material name: BIOFUNCTIONAL AÇAÍ EXTRACT
 Description: AÇAÍ EXTRACT
 Code: CTA-C058
 Company: **BERACA SABARÁ QUÍMICOS E INGREDIENTES S.A.**
 Address: Av. Juscelino Kubitschek de Oliveira, 878
 cep 13456-401 - Santa Bárbara D'Oeste - SP - Brasil
 Phone / Fax: 55 19 3455-8900 / 55 19 3455-8919
 Emergency: Police or Fire Brigade
 e-mail: hpc@beraca.com

2. COMPOSITION / INFORMATION ON INGREDIENTS

| INCI name (CTFA) ¹ | INCI name (EU Labelling) ¹ | CAS no. | EINECS no. | Concentration ² | EU Symbol | EU R-Phrase |
|-------------------------------------|---------------------------------------|-------------|------------|----------------------------|----------------|----------------|
| <i>Glycerin (and)</i> | <i>Glycerin,</i> | 56-81-5 | 200-289-5 | B | No health risk | No health risk |
| <i>Water (and)</i> | <i>Water,</i> | 7732-18-5 | 231-791-2 | B | No health risk | No health risk |
| <i>Euterpe oleracea pulp powder</i> | <i>Euterpe oleracea</i> | 906351-38-0 | - | B | No health risk | No health risk |

¹ CTFA dictionary

² FDA - Code (A = >50%, B = 25-50%, C = 10-25%, D = 5-10%, E = 1-5%, F = 0.1-1%, G = <0.1%)

3. HAZARD IDENTIFICATION

| Risks Classification | NFPA 704 | HMIS | CODES (NFPA 704 / HMIS) | |
|-------------------------------|----------|------|-------------------------|----------------|
| H = Health | 0 | 0 | 4 - extreme | 0 - no risks |
| F = Flammability | 0 | 0 | 3 - high | N/W - No water |
| R = Reactivity | 0 | 0 | 2 - moderate | |
| S/R = Special recommendations | NW | NW | 1 - light | |

4. FIRST AID

Inhalation: At ambient/normal handling temperatures (0-38 deg. C), no adverse effects due to inhalation of dust are expected.
 Skin contact: No adverse effects due to skin contact expected. Wash with water and soap.
 Eye contact: Rinse with water. In case of irritation seek medical advice.
 Ingestion: Intoxication may only result from massive ingestion.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Does not apply

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: None known
 Environmental Precautions: No special measures required
 Methods of Cleaning Up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
 Additional information: No dangerous substances are released

7. HANDLING AND STORAGE

Handling: None restrictions
 Storage: Store at room temperature, in dry room
 Suitable Packaging Materials: Opaque, tightly sealed container, away from the light
 Unsuitable Packaging Materials: None

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures: Ensure ventilation or local exhaust it, if formation of dust occurs
 Hygiene measures: Good industrial hygiene should be followed
 Occupational exposure limits: No occupational exposure limits have been established
 Personal protection equipment: Normal protection should be observed as for handling all chemicals, glasses with air-tight protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
 Color: Brown to dark brown
 Odor: Characteristic
 Density at 20°C (g/cm3): 0.800 - 1.200
 pH: 4 - 6
 Anthocyanins (mg/L): ≥ 50
 Solubility: Soluble in water
 Flash point(20°C): Not determined

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10. STABILITY AND REACTIVITY

Stability Conditions to avoid: Inert product
Incompatible materials: Avoid contact with strong oxidants such as liquid chlorine and concentrated oxygen.
Hazardous decomposition products: Product does not decompose at ambient temperature.

11. TOXICOLOGICAL INFORMATION

Eyes: Not considered irritating (HET-CAM test)
Inhalation: No hazard in normal industrial use.
Ingestion (DL50 oral): No determined
Primary skin irritation: Not considered irritating (species: Human)
Skin sensitization: Not considered sensitizer (species: Human)

12. ECOLOGICAL INFORMATION

Comment: No determined

13. DISPOSAL CONSIDERATIONS

Methods of Disposal: Dispose in accordance with local, state and federal regulations
EU Code of Disposal: Dispose in accordance with local regulations.

14. TRANSPORT INFORMATION

Usual shipping containers: Roadtankers, liquid containers, drums
Transport temperature (deg. C): 10 - 25C
Transport sea/air: Not regulated. No dangerous for transport
Transport land: Not regulated. No dangerous for transport

15. REGULATORY INFORMATION

EC Regulations: N/A
EC Classification: N/A
Label Name: BIOFUNCTIONAL AÇAÍ EXTRACT
Risk Phrases: N/A
Safety Phrases: N/A
Hazard Symbols: N/A

16. OTHER INFORMATION

Product type/uses: Vegetable extract.
Source of key data: The recommendations presented in this Material Safety Data Sheet were compiled from actual test data, when available, comparison with similar products, component information from suppliers and from recognized codes of good practice.
The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued, but are offered without guarantee or warranty. They relate to the specific material designated and may not be valid for such material used combination with any other materials or in any process.
Conditions of use the material are under the control of the user; therefore, it is the user's responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use.
This data sheet was prepared in accordance with directive 88/379/EEC 2 – directive 91/155/CEE
EU Labeling: INCI name according amending Decision 96/335/EC of 09 February 2006 establishing an inventory and a common nomenclature of ingredients employed in cosmetic products.