Review: 03 Date: 27/07/20 Prepared by: Quality Analyst

MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Material Name:Tucuma Oil.Scientific name:Astrocaryum vulgare

INCI Name: Astrocaryum vulgare fruit oil

 Product Code:
 OL0110

 Cas Number:
 98143-57-8

 N.° CE:
 8002-31-1

Recommended use: it is applied by cosmetic industries to products

suitable for skin and hair

REACH Registration #: REACH status (EC 1907/2006) This product is

according to Annex 5, §9 exempted from the

registration

Company Name: 100% Amazonia Exp. e Rep. LTDA

Address: Travessa Campos Sales, 493, Campina - 66017-

180 - Belem, PA, Brazil

2. HAZARD IDENTIFICATION

This product is a vegetable oil that is not considered to present any hazard during normal use. Non-Dangerous, Non Hazardous product, usually accepted as a sage commodity (GRAS) in accordance to the drugs and cosmetics legislation.

No data or information available to evaluate general aspects.

Potential Chronic Health Effects Effects

Carcinogenic Not Available

Mutagenic Not Available

Teratogenic Not Available

Developmental toxicity Not Available

Repeated or prolonged exposure is not known to aggravate medical condition.

Special attention during handling: Avoid moisture and heat.

Review: 03 Date: 27/07/20 Prepared by: Quality Analyst

Exposure symptom: No risk.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI Name:	CAS	CE number	%
	98143-57-8		
Astrocaryum vulgare		8002-31-1	100
fruit oil			

4. FIRST AID

Inhalation Not available.

Skin contact Remove contaminated clothing and wash with soap and copious amount of water for at

least 15 minutes.

Eye contact If wearing contact lenses, remove them. Wash eyes with clean and cool water for at

least 10 minutes while pulling eyelids up, and seek medical assistance.

Ingestion Non toxic in small doses. For sizeable amount, seek medical assistance. Effects appear

more severe in individuals with kidney problems.

In case of doubts or when symptoms persist, call a doctor. Never administer any medicine for unconscious people.

5. FIRE - FIGHTING MEASURES

Extinguishing measures: Carbon Dioxide (CQ), dry chemical powder or appropriate foam. Do not

use a direct stream of water to extinguish.

Special risks: Fire can cause thick and black smoke. As a result of thermal

decomposition, dangerous products can form: carbon monoxide, carbon dioxide. Exposure to combustion products can be harmful to your health.

Protective measures for fire fighting team

Fire protection equipment: According to the size of the fire, it may be necessary to use fire fighting

protective clothes against the heat, individual breathing equipment,

gloves, protective gloves or facemasks.

Other recommendations: Use water to cool tanks, cisterns, or containers close to the heat source or

fire. Take into consideration the wind direction. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

For non emergency Eliminate possible ignition points and ventilate the area. Avoid people team: breathing fumes. For exposure control and individual protection

Code: OL0110

Review: 03 Date: 27/07/20 Prepared by: Quality Analyst

measures

Environmental Precautions:

Prevent the contamination of drains, surface or subterranean waters. and the ground. In case of large spills or if the product contaminates lakes, rivers, or sewers, inform the responsible authorities according to

local legislation.

Pick up the spill with non-combustible absorbent materials (soil, sand, Cleaning methods:

> vermiculite, diatomite, etc). Store the product and the absorbent in an appropriate container. The contaminated area should be immediately

cleaned.

7. HANDLING AND STORAGE

handling:

Precautions for safe Keep the container tightly closed and isolate from heat sources, sparks, and fire. Prevent the contact with skin or eyes. In the application area, smoking, eating, and drinking must be prohibited. Follow legislation on occupational health and safety. Keep the product in containers made of a material identical to the original.

Conditions for safe incompatibility

Store according to local legislation. Store the containers in a dry and well-ventilated storage, including any place, far from sources of heat and direct solar light. Keep far away from ignition points Keep away from oxidizers agents and from highly acidic or alkaline materials. Do not smoke. Prevent the entry of non-authorized persons. Once the containers are open, they must be carefully closed and placed vertically to prevent spills.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Environmental and occupational exhibition limits were not determined, but the following cautions should be followed for individual protection:

- Avoid contact with eyes
- Gloves:
- Chemical safety goggles;
- Keep container closed;
- Keep away from heat and open flame;
- Store in a cool dry place.

Environmental and occupational exposition limits were not determined. **Control parameters**

Engineering measures Measures not determined. control

Personal protection measures

- Avoid contact with eyes, skin and clothing;
- Avoid prolonged or repeated exposure;
- Approved respirator;
- Resistant gloves;
- Chemical safety goggles;
- Keep container closed;
- Keep away from heat and open flame;
- Store in a cool dry place.

Code: OL0110

Review: 03 Date: 27/07/20 Prepared by: Quality Analyst

- Other: Evaluate necessity based on application. Slip proof shoes may be worn where spills may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect Liquid Color Reddish Odor Characteristic Not determined pΗ Not determined **Freezing point** Melting Point (1013.3 hPa) Not determined Flash Point (1013.3 hPa) Not determined Vapour pressure (20°C) Not determined Partition coefficient (log Pow 25°C) Not determined Water solubility (20°C) Not determined Not determined Surface tension (20°C) Relative density (20 °C) Not determined Autoflammability (1 020.2 hPa) Not determined Flammability: Not determined **Explosiveness:** Non explosive **Oxidising properties:** Non oxidising

10.STABILITY AND REACTIVIY

Stability: The product is stable under normal use and storage.

Possibility of dangerous

reaction:

Avoid proximity to heating sources and/or ignition.

Conditions to be avoided: Avoid proximity to heating sources and/or ignition.

Incompatible materials: Strong oxidizing agents;

Strong acids; Acid Chlorides; Acid anhydrides.

11.TOXICOLOGICAL INFORMATION

Effects of over No hazard normal industrial use

exposure inhalation:

Primary cutaneous Not considered irritating

irritation:

Repeated cutaneous Not considered irritating

irritation:

Maximized cutaneous Not considered sensitizer

sensibilization:

Repeated cutaneous Not considered photo irritating

photo irritation:

Maximized cutaneous Not considered photosensitizer

photosensibilization:

Photo toxicity: Not considered phototoxic

Review: 03 Date: 27/07/20 Prepared by: Quality Analyst

12ECOLOGICAL INFORMATION

Eco-toxicity The product is not classified as environmentally hazardous. However, this does not

exclude the possibility that large or frequent spills can have a harmful or damaging

effect on the environment.

Persistence and

degradability: No data is available on the degradability of this substance.

Bioaccumulative

potential : Not determined Mobility in Soil : Not determined

Other Adverse

Effects: Not determined

13DISPOSAL CONSIDERATIONS

Methods of Disposal: Dumping into sewers or waterways is prohibited. Waste and empty containers must be handled and eliminated according to current, local/national legislation.

EU Code of Disposal: Dispose in accordance with local regulations.

14.TRANSPORT INFORMATION

Transport temperature (°C)25 Transport signalization: N.A

15.REGULATORY INFORMATION

Product doesn't require register according to health ministry. No specific or local regulations for this product.

State Right-To-Know (RTK) Information: Check with specific state authorities since regulations vary within the states

Safety, health and environmental regulations/legislation specific for the substance or mixture:

- -Major Accident Hazard Legislation:Directive 96/82/CE (SEVESO category/name&ubstances)not applicable.
- -Regulation CE 2037/2000 (substances that deplete the ozone layer): not applicable.
- -Regulation 850/2004 (persistent organic pollutants): not applicable.
- -Regulation REACH-Titre VII (authorisations) et Titre VIII (restrictions): not applicable REACH status (EC 1907/2006) This product is according to Annex 5, exempted from the registration-

(substance that can be found in the nature / chemically non-modified substance).

16.OTHER INFORMATION

The recommendations presented in this Material Safety Data

Sheet (MSDS) were compiled from actual test data, when available comparison with similar products component

Source of key data available, comparison with similar products, component

information from suppliers and from recognized codes of good

practice.

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