

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

MURUMURU BUTTER

1. Identification of the substance/mixture and company

Trade name: Murumuru Butter
Description: Natural product extracted by cold press from the seeds of *Astrocaryum murumuru*
I.N.C.I.: *Astrocaryum Murumuru Seed Butter*
CAS No. : 356065-49-1
EINESCS No. : 609-150-7
Utilization: Raw material for cosmetics and personal care
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008

2.2 Label elements

Additional advice on labeling: According to EC directives or the corresponding national regulations the product does not have to be labeled.

2.3 Other hazards

Special risk by leaking/spilling product.

3. Declaration of ingredients

3.1. Substances

Substance	C.A.S.	EINECS	Percent %
<i>Astrocaryum Murumuru Seed Butter</i>	356065-49-1	609-150-7	100 %

This product is a vegetable butter that is not considered to present any hazard during normal use.

Non-Dangerous, Non Hazardous product, usually accepted as a safe commodity (GRAS) in accordance to the drugs and cosmetics legislation.

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

No data or information available to evaluate general aspects.

Toxicity Data: Non-Toxic

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

Special attention during handling: Avoid moisture and heat.

Exposure symptom: No risk.

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4. First aid measures

4.1 Description of first aid measures

General information: When in doubt or if symptoms are observed, get medical advice.

In case of contact with skin: Gently wash with plenty of soap and water.

In case of contact with eyes: In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

In case of inhalation: Provide fresh air

After ingestion: Non toxic in small doses. For sizeable amount, seek medical assistance.

4.2 Main symptoms and effects, both acute and delayed

No additional data available

4.3 Indication to consult a physician immediately or any special treatments

No additional data available

5. Fire fighting measures

5.1 Means of extinction

Suitable extinguishing media: foam, carbon dioxide (CO₂), powder

Extinguishing media which must not be used for safety reasons: water stream

5.2 Special hazards arising from the substance or mixture

Formation of dangerous fumes possible.

5.3 Recommendations for fire-fighters

In case of fire: Wear self-contained breathing apparatus. 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. 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

6.1 Personal precautions, protective devices and emergency procedures

Handle in accordance with good industrial hygiene and safety practices. If leaking is occurring, be careful not to slip on the contaminated surfaces. Eliminate possible ignition points and ventilate the area. Avoid breathing fumes. For exposure control and individual protection measures.

6.2 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.

6.3 Methods and materials for containment and remediation

Take up mechanically, placing in appropriate containers for disposal.

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6.4 Reference to other sections

Disposal of the contaminated material must be carried out in accordance with the provisions of section 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Avoid contact with eyes, and should not be swallowed. Wear splash goggles and oil resistant gloves. Handle in accordance with good industrial hygiene and safety practice. Keep the container tightly closed and isolate from heat sources, sparks, and fire. 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.

7.2 Conditions for safe storage, including any incompatibilities

Store according to local legislation. Store the containers in a dry and well-ventilated 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. Keep at a temperature not exceeding 25°C.

7.3 Specific end uses: None other than stated in section 1

8. Exposure controls / personal protection

8.1 Control parameters

There are no specific control parameters. Contains no substances with occupational exposure limit values.

This product, as supplied, does not contain any hazardous materials

8.2 Exposure controls

Protective and hygiene measures: Remove contaminated clothes.

Hand protection: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Skin protection: Wear clothing as usual in industry.

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance: Waxy Solid

Color: white to yellowish

Odor: characteristic

pH-value: not relevant

Melting point: no data available

Initial boiling point and boiling range: no data available

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Sublimation point: no data available

Softening point: no data available

Flash point: > 250 °C (closed cup)

Flammability

Solid: No data available

Gas: No data available

Explosive properties: No data available

Lower explosion limits: no data available

Upper explosion limits: no data available

Ignition temperature: No data available

Auto-ignition temperature

Solid: No data available

Gas: No data available

Vapor pressure: No data available

Vapor pressure: No data available

Density: 0,905-0,950 g/cm³

Refractive index: No data available

Water solubility: insoluble

Solubility in other solvents: good soluble in fats, lipids

Partition coefficient: No data available

Viscosity / dynamic: no data available

Viscosity / kinematic: No data available

Flow time: No data available

Vapor density: No data available

Evaporation rate: No data available

Solvent content: no solvent residues

9.2 Other information

None

10. Stability and reactivity

10.1 Responsiveness

No data available

10.2 Chemical stability

The product is stable under normal use and storage.

10.3 Possibility of dangerous reactions

None under normal processing

10.4 Conditions to avoid

Extremes of temperature and direct sunlight

10.5 Incompatible materials

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None known based on information supplied

10.6 Hazardous decomposition products

None - when carefully used.

Further information: no decomposition in the application field

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity: According to our knowledge, the chemical, physical and toxicological properties have not been examined extensively. No hazard under normal industrial use.

Irritation and corrosivity: Not considered irritating

Sensitizing effects: Not considered sensitizer

Severe effects after repeated or prolonged exposure: Not considered photo irritating, photosensitizer or phototoxic.

Carcinogenic/mutagenic/toxic effects for reproduction: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Empirical data on effects on humans: No data available

Further information: No additional information available

12. Ecological information

12.1 Toxicity

The product is not classified as environmentally hazardous. No data for ecological evaluation on hand. Under appropriate use there are no ecological problems to expect.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulation potential

No data available

12.4 Ground mobility

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Further information: no heavy metals and inorganic components

13. Disposal considerations

13.1 Waste treatment methods

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

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Contaminated packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.
EU Code of Disposal: Dispose in accordance with local regulations.

14. Transport information

14.1 UN number

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.2 UN shipping name

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.3 Class of danger for transport

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.4 Packing group

ADR: No dangerous good in sense of this transport regulation.
IMDG: No dangerous good in sense of this transport regulation.
IATA: No dangerous good in sense of this transport regulation.

14.5 Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6 Special precautions for users

No dangerous good in sense of this transport regulation.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

No dangerous good in sense of this transport regulation.

15. Regulatory information

15.1 Regulations and legislation on health, safety and environment specific to the substance or mixture

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/named substances): 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.

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-US: This material is intended to be used as a cosmetic ingredient and is exempt from Toxic Substances Control Act (TSCA) regulation (40 CFR 710) when used as such.

15.2 Chemical safety assessment.

No data available

16. Additional information

16.1 Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.