Code: C-BT0637VG

Review: 02 Date: 07/08/17 Prepared by: Quality Analyst

MATERIAL SAFETY DATA SHEET (MSDS)

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Material Name: Cocoa Butter.

Scientific name: Theobroma cacao seed butter.

Product Code: C-BT0637VG.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INCI name ¹ (CTFA)	CAS no.	EINECS no.	Concentration ²	EU Symbol	EU R- Phrase
Theobroma cacao	84649-	N/A	Α	No health	No health
seed butter	99-0			risk	risk
INCI name (EU	CAS no.	EINECS no.	Concentration ²	EU	EU R-
INCI name (EU labeling) 1	CAS no.	EINECS no.	Concentration ²	EU Symbol	EU R- Phrase
	CAS no. 84649-	EINECS no.	Concentration ²		

¹ CTFA dictionary

3. HAZARD IDENTIFICATION

This product is a pure vegetable butter 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 food, drugs and cosmetics legislation.

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.

Exposure symptom: No risk.

4. FIRST AID

Inhalation Not harmful effects are expeted.

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

least 15 minutes.

² FDA - Code (A = >50 %, B = 25 -50%, C = 10 - 25%, D = 5 -10%, E = 1 -5 %, F = 0,1 -1, G = <0,1%)

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Eye contact

Flush with water. If irritation persists, consult an ophthalmologist.

Ingestion

If swallowed do not induce vomiting. If there is some discomfort consult a doctor and

inform the chemical name of the product.

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 (CO₂), 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 people team:

Eliminate possible ignition points and ventilate the area. Avoid breathing fumes. For exposure control and individual protection

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.

Cleaning methods:

Pick up the spill with non-combustible absorbent materials (soil, sand, vermiculite, diatomite, etc). Store the product and the absorbent in an appropriate container. The contaminated area should be immediately

cleaned.

7. HANDLING AND STORAGE

Precautions for safe handling:

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 storage, including any incompatibility

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,

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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, 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.

Control parameters	Environmental and occupational exposition limits were not determined.
Engineering measures control	Measures not determined.
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. Other: Evaluate necessity based on application. Slip proof shoes may be worn where spills may occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Good consistency and crystal structure (Temp. <28 °C)
Color	Yellow
Odor	Characteristic
рН	Not determined
Boiling Point (°C)	Not determined
Melt point (°C)	32.0 – 36.0
Specific Gravity (30°C)	Not determined
Evaporation rate	Not determined
Flammability	Not determined
Upper/Lower limit of flammability or explosivity	Not determined
Steam pressure	Not determined
Steam density	Not determined
Solubility	Insoluble in water
Partition coeficiente n- octanol/water	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Brookfield Viscosity	Not determined

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10. STABILITY AND REACTIVIY

Stability:

Stable under normal temperature and pressure and kept in original packaging.

Possibility of dangerous

reaction:

Avoid proximity to heating sources and/or ignition.

Conditions to be avoied:

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

irritation:

Not considered irritating

Maximized cutaneous

sensibilization:

Not considered sensitizer

Repeated cutaneous

photoirritation:

Not considered photo irritating

Maximized cutaneous

iviaximized cutaneous

Not considered photosensitizer

photosensibilization: Phototoxicity:

Not considered phototoxic

12. ECOLOGICAL INFORMATION

Comment

None

Ecotoxicity

None

13. DISPOSAL 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)

10 - 30°C

Transport signalization:

N.A

15. REGULATORY INFORMATION

Product doesn't require register according to health ministry.

16. OTHER INFORMATION

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Source of key data

The recommendations presented in this Material Safety Data Sheet (MSDS) 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 is offered without guarantee or warranty. They relate to the specific material designated and may process.

Conditions of use the material are under the control of the user, therefore, it is user's responsibility to satisfy himself as to the suitability and completeness of such information for this own particular use.