



BioProGreen

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Safety data COCOA BUTTER

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- **Product identification:** Refined shea butter
- **Trade name:** Cocoa butter
- **Use:** Industrial, reserved for professional use
- **Company identification:** BioProGreen

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- **In case of emergency, call the anti-poison and pharmacovigilance center: 0801000180**
- **Product information:**

Product Name: Cocoa butter

Botanical name: Theobroma cacao

Method of obtaining: Pressing roasted cocoa beans to extract the fat

- **Administrative situation:**

INCI name	EC number	CAS No.
BUTYROSPERMUM PARKII BUTTER	293-515-7	91080-23-8

II. IDENTIFICATION OF RISKS

Classification of the substance or mixture

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

This substance does not meet the classification criteria in accordance with Regulation No 1272/2008/EC.

Label elements:

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

Not required.

Other dangers

Results of PBT and vPvB assessments

According to the results of its evaluation, this substance is not a PBT or vPvB substance.

Endocrine-disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

III. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

- **Name** :Cocoa butter
- **CAS No.**:91080-23-8
- **EC number**:293-515-7

3.2 Mixture

- Not applicable

IV. FIRST AID

4.1 Description of first aid measures

General notes

Does not require any special prevention measures.

- **After inhalation**:Provide fresh air.
- **After skin contact**:Rinse skin with water/shower.
- **After eye contact**:Rinse carefully with water for several minutes.
- **After ingestion**:Rinse your mouth. Call a doctor if you feel unwell.

4.2 Main symptoms and effects, both acute and delayed

So far, no known symptoms or effects have been reported.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

V. FIRE FIGHTING MEASURES

5.1 Extinguishing means

- **Suitable extinguishing media:**Water, foam, dry extinguisher powder, ABC powder.
- **Unsuitable extinguishing media:**Full power water jet

5.2 Special hazards arising from the substance or mixture

Combustible.

Hazardous combustion products

Carbon monoxide (CO) and carbon dioxide (CO₂) can produce toxic carbon monoxide fumes when burned.

5.3 Advice for firefighters

In the event of fire and/or explosion, do not breathe fumes. Fight the fire from a distance while taking normal precautions. Wear self-contained breathing apparatus.

VI. MEASURES TO TAKE IN CASE OF ACCIDENTAL RELEASE

6.1 Personal precautions, protective equipment and emergency procedures

For non-rescuers

No special measures are required.

6.2 Precaution for environmental protection

Avoid contamination of sewers, surface waters and groundwater. Retain and dispose of contaminated wash water.

6.3 Methods and material for containment and cleaning up

- **Tips for Containing a Spill:**Sewer cover. Collect mechanically.
- **Tips for cleaning up a spill:**Collect mechanically.
- **Any other information regarding spills and dispersions:**Place in a suitable container for disposal. Ventilate the affected area.

VII. HANDLING AND STORAGE

7.1 Precautions for safe handling

Does not require any special prevention measures.

General advice on occupational hygiene

Store away from food and drinks, including those for animals.

7.2 Conditions for safe storage, including possible incompatibilities

Store in a dry place.

Incompatible substances or mixtures

Ensure proper storage of chemicals.

Consideration of other tips:

Special design of premises or storage tanks

Recommended storage temperature: 15 – 25°C

7.3 Specific end use(s)

No available information.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No available information.

8.2 Exposure controls

Personal protection measures (personal protective equipment)

- **Eye/Face Protection:** Use of protective glasses with protection on the sides.

Skin protection

- **Hand protection:** Wear appropriate gloves. A protective glove against chemical substances according to EN 374 is suitable.
- **Type of material:** NBR (Nitrile Rubber)
- **Material thickness:** >0.11mm
- **Normal or minimum breakage time of the glove material:** >480 minutes (permeation: level 6)
- **Various protective measures:** Make recovery periods for skin regeneration. Skin protection (barrier creams/ointments) is recommended.

Respiratory protection

Respiratory protection is required in case of dust release. Use a particle filter complying with standard EN 143, class P1 (filter retaining at least 80% of atmospheric particles, identifiable by the white color). In general, personal respiratory protection is not necessary.

Exposure controls related to environmental protection

Avoid contamination of sewers, surface waters and groundwater.

IX. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on essential physical and chemical properties

Physical state: Solid
Appearance: Solid at room temperature.
Color: Ivory yellow to brown
Smell: Neutral and a very slight smell of cocoa
Olfactory threshold: No data available
pH: No data available
Relative evaporation rate (butyl acetate=1): No data available
Fusion point : ≈ 35°C
Freezing point : No data available
Boiling point : No data available
Flash point : > 100°C
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapor pressure: No data available
Relative vapor density at 20°C: No data available
Relative density: No data available
Solubility: No data available
n-octanol/water partition coefficient (Log Pow): No data available
Kinematic viscosity : No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Explosive limits: No data available

9.2 Other information

No additional information available.

X. STABILITY AND REACTIVITY

- **Reactivity :** The product is stable under normal handling and storage conditions.
- **Chemical stability:** The material is stable under normal and predictable ambient conditions of storage and handling, with respect to temperature and pressure.
- **Possibility of hazardous reactions:** Strong reaction with: powerful oxidant
- **Conditions to avoid:** There are no known special conditions that should be avoided.
- **Incompatible materials:** There is no additional information.
- **Hazardous decomposition products:** Hazardous combustion products: see section 5.

XI. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- **acute toxicity:** unclassified

Cocoa butter (8000-48-4)	
oral LD50 rat	> 2000 mg/kg

Skin corrosion/irritation: Unclassified

Serious eye damage/eye irritation:Unclassified
Respiratory or skin sensitization:Unclassified
Germ cell mutagenicity:Unclassified
Carcinogenicity:Unclassified
Reproductive toxicity:Unclassified
Specific target organ toxicity (single exposure):Unclassified
Specific target organ toxicity (repeated exposure):Unclassified
Aspiration hazard:Unclassified

Symptoms related to physical, chemical and toxicological characteristics

- **If swallowed:**Data is not available.
- **In case of contact with eyes:** Data is not available.
- **If inhaled:** Data is not available.
- **In case of contact with skin:**Data is not available.
- **Other information:** Health effects are not known.

XII. ECOLOGICAL INFORMATION

- **Toxicity:**Not classified as dangerous for the aquatic environment.
- **Persistence and degradability:**Biodegradable.
- **Bioaccumulation potential:** Data is not available.
- **Mobility in the ground:** Data is not available.
- **Results of PBT and vPvB assessments:** Data is not available.
- **Other adverse effects:**Data is not available.

XIII. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal to be carried out in accordance with legal requirements.

XIV. TRANSPORT INFORMATION

- **UN number or identification number:** Not subject to transport regulations
- **UN proper shipping name:** Not assigned
- **Transport hazard class(es):** None
- **Packing group:**Not assigned
- **Environmental hazards:**Not dangerous for the environment according to the regulations on the transport of dangerous goods

14.1 Special precautions to be taken by the user

- **Transportation by land:**Not regulated

14.2 Transport in bulk in accordance with Annex II of the Marpol Convention and the IBC Code

Not applicable.

XV. INFORMATION RELATED TO REGULATIONS

15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture

EU regulations:

- **Annex XVII of REACH (Restriction list):**No restrictions according to Annex XVII of REACH
- **Annex XIV of REACH (Authorization List):**COCOA BUTTER is not listed in Annex XIV of REACH
- **REACH candidate list (SVHC):**COCOA BUTTER is not on the Candidate REACH list
- **PIC Regulation (EU 649/2012, prior informed consent):**Not listed.
- **POPs Regulation (EU 2019/1021, persistent organic pollutants):**Not listed.
- **Ozone Depletion Regulation (EU 1005/2009):**Not listed.
- **Explosives Precursors Regulation (EU 2019/1148):**Not listed.
- **Regulation on drug precursors (EC 273/2004):**Not listed.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the substance.

XVI. VARIOUS INFORMATION

Other information :None.

EU SDS (Annex II REACH)

This data is based on our current understanding and details the product only in the context of health, safety and the environment. Therefore, they should not be considered as a guarantee of any specific property of the product.