



Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Cocoa Butter Refined				
Biological Definition	Theobroma Cacao Butter is a yellowish white solid material obtained from the roasted seeds of <i>Theobroma cacao</i> , <i>Sterculiaceae</i> .				
INCI Name	Theobroma Cacao Seed Butter				
Synonyms & Trade Names	Theobroma oil, Cacao oil, Cocoa bean oil.				
CAS-No	84649-99-0 / 8002-31-1	EC No.	283-480-6 / -	EINECS No.	283-480-6 / -

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available

1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classed as a hazardous substance.

Classification (EC 1272/2008)

Not classed as a hazardous substance.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

None.

Signal Word

None

Contains

Contains no hazardous substances. i.e. Glycerides of Palmitic, Stearic, Oleic and Linoleic acids.

Hazard Statements

Material not classed as hazardous.

Precautionary Statements

None.

Supplementary Precautionary Statements

None.

2.3 Other Hazards

PBT or vPvB according to Annex XIII

No.

Adverse physio-chemical properties

Combustible: avoid excessive heat.

Adverse effects on human health

Non known.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

100.0 % Theobroma Cacao Seed Butter - not classed as a hazardous product

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove from exposure area to fresh air. Seek medical advice if necessary.
Ingestion	Non toxic product. Rinse mouth with plenty of water. Seek medical attention if any discomfort continues.
Skin Contact	Non toxic product. If irritation occurs, Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

None.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO₂). Dry Chemical Powder. Foam.

Unsuitable extinguishing media: do not use direct water jet on burning material.

5.2 Special hazards arising from the product

Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

5.3 Advice for firefighters

Avoid inhalation of vapours. . Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Maintain good occupational and personal hygiene. Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eyes. Wear protective equipment.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

6.3 Methods and material for containment and cleaning up.

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with current laws and regulations.

6.4 Reference to other sections

None.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

7.2 Conditions for safe storage, including any incompatibilities
Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of heat and sunlight. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
None	
8.2 Exposure controls	
Protective Equipment	
Not normally required under normal handling conditions.	
Process Conditions	Not normally required under normal handling conditions.
Engineering Measures	Not normally required under normal handling conditions.
Respiratory Equipment	Not normally required under normal handling conditions.
Hand Protection	Not normally required under normal handling conditions.
Eye Protection	Safety glasses should be worn.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Not normally required under normal handling conditions.
Skin Protection	Not normally required under normal handling conditions.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Solid fat, may liquefy.
Colour	Light yellow.
Odour	Typical – no off odours.
Relative Density	Approx. 0.889 @ 40°C
Flash Point (°C)	No additional data available.
Refractive Index	1.453 - 1.459 @ 40°C
Melting Point (°C)	32.0 - 33.5
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable under the recommended handling and storage conditions.

10.2 Chemical stability
Presents no significant reactivity hazards, by itself or in contact with water.
10.3 Possible hazardous reactions
None.
10.4 Conditions to Avoid
Avoid storage temperatures of above 25°C
10.5 Incompatible materials
Avoid contact with strong acids, alkalis and oxidising agents.
10.6 Hazardous Decomposition Products
Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Vegetable oil of natural origin. Non toxic product; LD50s and LC 50s not determined.
Skin corrosion / irritation	Vegetable oil of natural origin. Non toxic product.
Serious eye damage / irritation	Avoid eye contact.
Respiratory or skin sensitisation	Vegetable oil of natural origin. Non toxic product.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	Not a reprotoxin.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Vegetable oil of natural origin. Non toxic product.
Photo-toxicity	Not photo toxic.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
No additional data available.	
12.2 Persistence & degradability	
> 90% (OECD) This product is unlikely to accumulate in the environment and environmental problems under normal use conditions are not expected.	
12.3 Bioaccumulation Potential	
No additional data available.	
12.4 Mobility in soil	
No additional data available.	
12.5 Results of PBT and vPvB Assessment	
No additional data available.	
12.6 Other adverse effects	
Do not allow product to enter streams, sewers or other waterways.	

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	Not applicable - Non hazardous product.
UN No. SEA	Not applicable - Non hazardous product.
UN No. AIR	Not applicable - Non hazardous product.

14.2 UN proper shipping name

Not dangerous goods.

14.3 Transport hazard class(es)

No additional data available.

14.4 Packing group

No additional data available.

14.5 Environmental hazards

No hazard label necessary – non hazardous product.

14.6 Special precautions for user

See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not defined.

15. REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None - non hazardous product.
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011. Suitable for packaging in containers made from; glass, lacquer lined steel/tin, aluminium, HPPE, F/HDPE, other plastics.
Revision Date	June 26, 2015

Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.