



## Certificate of Analysis

PRODUCT DETAILS		
Product Name	COCOA ABSOLUTE	
Product Code	OACOCO	
INCI Name	Theobroma Cacao	
Batch Number	4364003	
Best Before End	June 2022	
Identification	CAS No: 8002-31-1	EINECS No: 283-480-6
	Alternative Cas: 84649-99-0	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Viscous Liquid	Conforms
Colour	Dark Brown	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C	1.180 - 1.250	1.199
Refractive Index @ 20°C	1.460 - 1.490	1.4702
Flash Point °C	>86°	Conforms
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

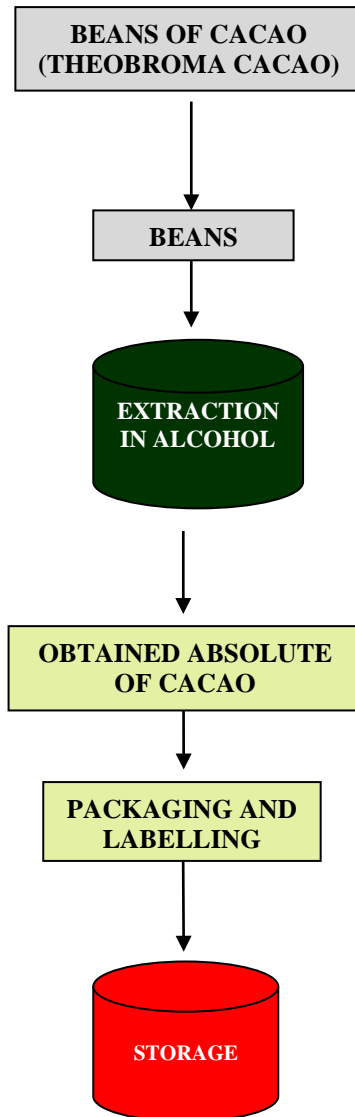
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03/05/2017



## COCOA ABSOLUTE FLOW CHART





## SAFETY DATA SHEET COCOA ABSOLUTE

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	COCOA ABSOLUTE
Product number	OACOCO
Synonyms; trade names	Theobroma Cacao
CAS number	8002-31-1
Alternative Cas Number	84649-99-0
EC number	283-480-6

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Industrial, only for professional use
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#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

MADAR Corporation Limited  
19-20 Sandleheath Industrial Estate  
Fordingbridge  
Hampshire  
SP6 1PA  
Tel. +44 1425 655555 (Opening Hours 9am - 5pm)  
e-mail sales@madarcorporation.co.uk

#### 1.4. Emergency telephone number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

EC number	283-480-6
Hazard statements	NC Not Classified

#### 2.3. Other hazards

# COCOA ABSOLUTE

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Product name	COCOA ABSOLUTE
CAS number	8002-31-1
EC number	283-480-6

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Use as appropriate carbon dioxide (CO <sub>2</sub> ), dry chemical or foam
Unsuitable extinguishing media	For safety reasons do not use full water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
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### 5.3. Advice for firefighters

Special protective equipment for firefighters	Wear full protective clothing
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes. Avoid inhalation of vapours.
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### 6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Wash spill site after material pick up is complete.
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### 6.4. Reference to other sections

## COCOA ABSOLUTE

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Avoid contact with skin and eyes. Avoid inhalation of vapours. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

##### Protective equipment



##### Appropriate engineering controls

Provide eyewash station Provide adequate ventilation.

##### Personal protection

Use personal protection according to Directive 89/686/EEC

##### Eye/face protection

Approved safety goggles.

##### Hand protection

Chemical resistant gloves (PVC)

##### Other skin and body protection

Wear apron or protective clothing in case of contact.

##### Hygiene measures

Good personal hygiene procedures should be implemented.

##### Respiratory protection

Generally unnecessary in a well ventilated area.  
If ventilation is insufficient, respiratory protection must be worn.

##### Environmental exposure controls

Avoid discharging into drains.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Dark brown.
<b>Odour</b>	Characteristic.
<b>Melting point</b>	15°C
<b>Flash point</b>	> 86°C
<b>Relative density</b>	1.180 - 1.250 @ 20°C

#### 9.2. Other information

<b>Refractive index</b>	1.460 - 1.490 @ 20°C
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# COCOA ABSOLUTE

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** No data available.

### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No data available.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** No data available.

## SECTION 12: Ecological Information

**Ecotoxicity** No data available.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

## COCOA ABSOLUTE

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

#### Inventories

**US - TSCA**  
Present.

## SECTION 16: Other information

**Revision date** 03/05/2017  
**Revision** 1  
**SDS number** 4924

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# Product Specification

PRODUCT DETAILS		
Product Name	COCOA ABSOLUTE	
Product Code	OACOCO	
INCI Name	Theobroma Cacao	
Country of Origin	Caribbean	
Tariff Number	33013000	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	Yes	
Halal Certified	No	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Identification	CAS No: 8002-31-1	EINECS No: 283-480-6
	Alternative Cas: 84649-99-0	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Viscous Liquid	
Colour	Dark Brown	
Odour	Characteristic	
Relative Density @ 20°C	1.180 - 1.250	
Refractive Index @ 20°C	1.460 - 1.490	
Flash Point °C	>86°	
Melting point °C	15°	
Hydrocarbon content	<1%	
FRAGRANCE ALLERGENS		
None Present		
FOOD ALLERGENS		
None Present		
IFRA		
None Present		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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