



## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

#### **1.1. Product identifier**

Product name: CACAO  
Product code: 13491B.

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

#### **1.3. Details of the supplier of the safety data sheet**

Registered company name: FLORESSENCE.  
Address: Z.I DE LA FESTRE SUD .06535.ST CEZAIRE SUR SIAGNE.FRANCE.  
Telephone: 04 93 40 59 60. Fax: 04 93 40 59 69.  
danielle.maniquant@elixens.com  
www.elixens.com  
Appel d'Urgence: +33 (0) 2 98 33 10 10 UTMD001

#### **1.4. Emergency telephone number : +33 (0) 1 45 42 59 59.**

Association/Organisation: INRS .

### **SECTION 2: HAZARDS IDENTIFICATION**

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

##### **In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazardous to the aquatic environment - Chronic hazard, Category 3.  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

##### **In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present a health hazard.

#### **2.2. Label elements**

##### **In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard statements:  
H412 Harmful to aquatic life with long lasting effects.  
Precautionary statements - Prevention:  
P273 Avoid release to the environment.  
Precautionary statements - Disposal:  
P501 Dispose of contents/container to ...

##### **In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

Risk phrase:  
R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### **2.3. Other hazards**

No data available.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1. Substances**

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

### 3.2. Mixtures

#### Composition :

Identification	Name	Classification	%
INDEX: I84_66_2 CAS: 84-66-2 EC: 201-550-6	DIETHYL PHTHALATE		50 <= x % < 100
INDEX: I1506_02_1 CAS: 1506-02-1 EC: 216-133-4	6-ACETYL-1,1,2,4,4,7-HEXAMETHYLTETRALINE (TONALIDE, FIXOLIDE, AHTN)	GHS07, GHS09, Wng Xn,N H:302-410 R: 50/53-22	1 <= x % < 2.5

## **SECTION 4: FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

#### In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

#### In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

## **SECTION 5: FIREFIGHTING MEASURES**

Non-flammable.

### 5.1. Extinguishing media

#### Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist

#### Unsuitable methods of extinction

In the event of a fire, do not use:

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

No data available.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

#### For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

#### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

#### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

#### 6.4. Reference to other sections

No data available.

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### **SECTION 7: HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

#### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

#### Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

Packages which have been opened must be reclosed carefully and stored in an upright position

#### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

#### Storage

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

#### Packaging

Always keep in packaging made of an identical material to the original

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

No data available.

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### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1. Control parameters

##### Occupational exposure limits:

- France (INRS - ED984:2007 and French Order of 30/06/2004):

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No.:
84-66-2	-	5	-	-	-	-

#### 8.2. Exposure controls

##### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties:

- Impervious gloves in accordance with standard EN374

**- Body protection**

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

**General information:**

Physical state: fluid liquid

**Important health, safety and environmental information:**

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not relevant.

Flash Point Interval: 60°C < PE <= 93°C

Vapour pressure: not relevant.

Density: not stated.

Water solubility: Insoluble.

Melting point/melting range: not relevant.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not relevant.

**9.2. Other information**

No data available.

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**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form:

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

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## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

### **Acute toxicity:**

CAS: 1506-02-1

6-ACETYL-1,1,2,4,4,7-HEXAMETHYLTETRALINE (TONALIDE, FIXOLIDE, AHTN)

Oral route: DL50 = 1000 mg/kg

### **Mixture**

No toxicological data available for the mixture.

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## **SECTION 12: ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

### **12.1. Toxicity**

#### **Substances**

No aquatic toxicity data available for the substances.

#### **Mixtures**

No aquatic toxicity data available for the mixture.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

### **12.5. Results of PBT and vPvB assessment**

No data available.

### **12.6. Other adverse effects**

No data available.

### **German regulations concerning the classification of hazards for water (WGK):**

WGK 2 (VwVwS vom 27/07/2005, KBws): Hazardous for water.

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## **SECTION 13: DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### **13.1. Waste treatment methods**

Do not pour into drains or waterways.

#### **Waste:**

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### **Soiled packaging:**

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

#### **SECTION 14: TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2011).

#### **SECTION 15: REGULATORY INFORMATION**

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

###### **- Particular provisions:**

No data available.

###### **- German regulations concerning the classification of hazards for water (WGK):**

Germany: WGK 2 (VwVwS vom 27/07/2005, KBws)

###### **- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):**

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



##### **15.2. Chemical safety assessment**

No data available.

#### **SECTION 16: OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

##### **Title for H, EUH and R indications mentioned in section 3:**

H302	Harmful if swallowed.
H410	Very toxic to aquatic life with long lasting effects.
R 22	Harmful if swallowed.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### **Abbreviations:**

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefahrdungsklasse (Water Hazard Class).