



**S a f e t y D a t a S h e e t**  
According to Regulation (EC) 1907/2006

152652 **DL-Camphor, 95% synthetic PS**

**1. Identification of the substance/preparation and of the company or firm**

**1.1 Identification of the substance or preparation**

Name:

DL-Camphor synthetic

**1.2 Use of the substance/preparation:**

For laboratory utilisation, analysis, research and fine chemistry.

**1.3 Identification of the company or firm:**

PANREAC QUIMICA, S.L.U.

C/Garraf, 2

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Emergencies:

Single telephone number for emergency calls: 112 (EU)

Tel.:(+34) Tel.:(+34) 937 489 499

**2. Identification of dangers**

Highly flammable.

### 3. Component Composition/Information

Name: DL-Camphor synthetic

Formula:  $C_{10}H_{16}O$  M.=152,24 CAS [76-22-2]

EC number (EINECS): 244-350-4

### 4. First aid

#### 4.1 General indications:

Never provide drink or induce vomiting in the event of loss of consciousness.

#### 4.2 Inhaling:

Take the person out into the fresh air. In the event of suffocation, proceed to provide artificial respiration.

#### 4.3 Contact with the skin:

Wash with plenty of soap and water. Remove contaminated clothing.

#### 4.4 Eyes:

Wash with plenty of water, keeping eyelids open. In the event of irritation, seek medical assistance.

#### 4.5 Swallowing:

Drink large amounts of water. Induce vomiting. Seek medical assistance.

### 5. Fire-fighting means

#### 5.1 Suitable fire-extinguishing means:

Water. Foam. Dry powder. Carbon dioxide ( $CO_2$ ).

#### 5.2 Fire-fighting means which must NOT be used:

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#### 5.3 Special risks:

Flammable. Keep away from sources of ignition. Risk of inflammation due to accumulation of electrostatic charges.

#### 5.4 Protective equipment:

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## **6. Measures to be taken in the event of accidental spillage**

### **6.1 Individual precautions:**

Do not inhale the dust.

### **6.2 Precautions for care of the environment:**

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### **6.3 Methods for collection/cleaning:**

Collect up dry and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

## **7. Handling and storage**

### **7.1 Handling:**

No special indications.

### **7.2 Storage:**

Well sealed containers. Keep away from flammable substances, sources of ignition and heat. Atmospheric temperature. Dry atmosphere.

## **8. Staff exposure/protection controls**

### **8.1 Technical protective measures:**

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### **8.2 Exposure limit control:**

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### **8.3 Respiratory protection:**

If dust forms, use suitable respiratory protection.

### **8.4 Hand protection:**

Use suitable gloves

### **8.5 Eye protection:**

Use suitable goggles.

### **8.6 Individual hygiene measures:**

Remove contaminated clothing. Wash hands before breaks and when the job is done.

### **8.7 Environmental exposure controls:**

Fulfill the commitments under local environmental protection legislation.

The supplier of the protection equipment must specify the type of protection to be worn when handling the substance or preparation, including the type of material and the breakthrough time of the material, with regard to the amount and duration of exposure.

## 9. Physical and chemical properties

Appearance:

White, cristalline powder.

Odour:

Characteristic.

Boiling point: 204°C

Melting point: 179,8°C

Flash point: 64°C

Self-ignition temperature: 460°C

Explosion limits (lower/upper): 0,6 / 4,5 Vol. %

Density (20/4): 0,99

Solubility: Insoluble in water. Soluble in alcohol and acetone.

## 10. Stability and reactivity

### 10.1 Conditions which should be avoided:

Direct sunlight.

### 10.2 Matter which should be avoided:

Strong oxidant agents. Chloroform

### 10.3 Hazardous decomposition products:

CO, CO<sub>2</sub>.

### 10.4 Complementary information:

Heat sensitive.

## 11. Toxicological information

### 11.1 Acute toxicity:

LD<sub>50</sub> intraperitoneal mouse: 884 mg/kg

LD<sub>50</sub> intraperitoneal rat: 956 mg/kg

### 11.2 Dangerous effects for health:

If inhaled: Irritations to the mucosae, coughing, breathing difficulties.

Upon contact with the skin: irritations.

Through contact with the eyes: irritations.

If swallowed: nausea, vomiting.

Systemic effects: headaches, laryngitis, nausea, narcosis, effects on the central nervous system, coma, death.

Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

## 12. Environmental information

### 12.1 Mobility:

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### 12.2 Ecotoxicity:

12.1.1 - EC<sub>50</sub> test (mg/l):

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12.2.2 - Receptor medium:

Risk for the water environment = ----

Risk for the land environment = ----

12.2.3 - Observations:

Ecotoxic data not available.

### 12.3 Degradability:

12.3.1 - Test:-----

12.3.2 - Biotic degradation classification:

BOD<sub>5</sub>/COD Biodegradability = ----

12.3.3 - Abiotic degradation depending on pH: -----

12.3.4 - Observations:

Data not available.

### 12.4 Accumulation:

12.4.1 - Test:

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12.4.2 - Bioaccumulation:

Risk = -----

12.4.3 - Observations:

Data not available.

### 12.5 Other possible effects on the environment:

If suitable handling conditions are maintained, no ecological problems are to be anticipated.

## 13. Considerations regarding elimination

### 13.1 Substance or preparation:

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country. In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes.

Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

### 13.2 Contaminated containers:

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

## 14. Information concerning transport

Overland (ADR):

Technical name: ALCANFOR sintético

ONU 2717 Class: 4.1 Packaging group: III (E)

By sea (IMDG):

Technical name: ALCANFOR sintético

ONU 2717 Class: 4.1 Packaging group: III

By air (ICAI-IATA):


Technical name: Alcanfor

ONU 2717 Class: 4.1 Packaging group: III

Packaging instructions: CAO 420 PAX 419

## 15. Mandatory information

### 15.1 Labelling as per REACH

Symbols: 

Danger indications: Highly flammable

Phrases R: 11 Highly flammable.

Phrases S: 7/9-16-22 Keep container tightly closed and in a well-ventilated place.

Keep away from sources of ignition - No smoking. Do not breathe dust.

## **16. Other information**

Review number and date:1 07.06.09

In respect of the previous review, changes have been made to the following sections: 15.  
The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.