



## SAFETY DATA SHEET

### 1. Identification of the substance/preparation and of the company/undertaking

#### *Identification of the product*

Catalogue No: 71132

ID No.: 2763200

Product name: **DL-Camphor synthetic powder, DAB, BP, USP**

#### *Manufacturer/supplier identification*

Company: Merck Eurolab Ltd, Merck House, Poole, Dorset, BH15 1TD, England  
Telephone : 01202 669700      Telefax : 01202 665599

Emergency telephone No.: 01202 669700

### 2. Composition/information on ingredients

#### *Chemical characterization*

Organic solid

Product name: DL-Camphor

CAS number: 76-22-2

EC-No.: 200-945-0

### 3. Hazards identification

### 4. First aid measures

Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.

Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

## 5. Fire-fighting measures

### *Special risks:*

Combustible.

### *Suitable extinguishing media:*

Water spray, foam or dry powder

## 6. Accidental release measures

Wear appropriate protective clothing. Shut off all sources of ignition.

Mix with sand, transfer carefully to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

## 7. Handling and storage

### *Handling:*

### *Storage:*

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

## 8. Exposure controls/personal protection

As appropriate to the situation and the quantity handled.

Respirator: Dust respirator

Ventilation: Extraction hood

Gloves: Rubber or plastic

Eye Protection: Goggles or face-shield

Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

## 9. Physical and chemical properties

Form:	crystals/tablets
Colour:	white
Odour:	characteristic
Melting temperature	179°C
Boiling temperature	204°C
Density(g/ml)	n/a

Vapour pressure	n/a
-Density	5.24
Solubility in water	Immiscible or insoluble
Flash point	66°C
Explosion limits: lower:	n/a
Auto-ignition temperature	466°C

## 10. Stability and reactivity

Stable.

May react with oxidising materials.

## 11. Toxicological information

Harmful by ingestion and inhalation. Irritating to eyes and skin.

### *Further data*

LD50 1310 mg/kg oral, mouse.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

## 12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

## 13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

## 14. Transport information

UN-No.: 2717	IMDG class: 4.1
IMO: 4.1/2717	Packaging group: III
IATA: 2717	Packaging group: III
Correct technical name: CAMPHOR	
ADR/RID: 4.1,99'	

## **15. Regulatory information**

### *Labelling according to EC directives*

Symbol:

R-phrases:

S-phrases:

EC-No.: 200-945-0

### *Local Regulations*

UK Exposure Limits: OES, Bornan-2-one (camphor, synthetic):

Long term: 13 mg/m<sup>3</sup> (2 ppm)    Short term: 19 mg/m<sup>3</sup> (3 ppm)

## **16. Other information**

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