

## **SAFETY DATA SHEET**

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

#### *Identification of the product*

Catalogue No: 66203

ID No.: 6620300

Product name: **2,6,10,15,19,23-Hexamethyltetracos-2,6,10,14,18,22- hexaene (squalene)**

#### *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 liquid

Product name: **2,6,10,15,19,23-Hexamethyltetracos-2,6,10,14,18,22- hexaene**

CAS number: 111-02-4

EC-No.:

### **3. Hazards identification**

### **4. First aid measures**

Eye contact: Irrigate thoroughly with water. If discomfort persists obtain medical attention.

Inhalation: Remove from exposure.

Skin contact: Wash off thoroughly with soap and water.

Ingestion: Wash out mouth thoroughly with water. In severe cases obtain medical attention.

## 5. Fire-fighting measures

### *Special risks:*

Combustible.

### *Suitable extinguishing media:*

Dry powder, carbon dioxide or vaporising liquids

## 6. Accidental release measures

Wear appropriate protective clothing.

Absorb on an inert absorbent, (e.g. BDH Spillage absorption granules), transfer to a suitable 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: Not applicable

Ventilation: Not applicable

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

Product description	Colourless oily liquid
Melting temperature	-75°C
Boiling temperature	n/a
Density(g/ml)	0.86
Vapour pressure	n/a

-Density	n/a
Solubility in water	Immiscible or insoluble
Flash point	200°C
Explosion limits: lower:	n/a
Auto-ignition temperature	n/a

## 10. Stability and reactivity

Stable.

May react with oxidising materials.

## 11. Toxicological information

May be harmful if ingested in quantity. May irritate eyes and skin.

### *Further data*

LD50 5000 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.:	IMDG class: NR
IMO: NR	Packaging group:
IATA: NR	Packaging group:
Correct technical name: NOT-RESTRICTED	
ADR/RID: NR	

## **15. Regulatory information**

### ***Labelling according to EC directives***

Symbol:

R-phrases:

S-phrases:

EC-No.:

### ***Local Regulations***

UK Exposure Limits: None assigned

## **16. Other information**

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