

# Material Safety Data sheet

Relating to 91/155/EEC

# Lauroil DS-100

**Date of issue: 28.03.03**

**Version 01**

## 1. Substance, Preparation and Company Identifications:

Trade name:	Lauroil DS-100	
Producer:	Lautrup Oleochemicals A/S	Tel. +45 3336 7000
	Bredgade 17	Fax +45 3336 7001
	DK – 1260 Copenhagen K	E-mail: <a href="mailto:Lautrup@lautrup.com">Lautrup@lautrup.com</a>

Responsible department: Oleochemicals  
Emergency telephone number: +45 3336 7000

## 2. Composition/Information on Ingredients:

Chemical characteristic:  
Fully refined rapeseed oil added a vegetable non-ionic emulsifying system.

Substances presenting health hazards: None.

## 3. Identification of Hazards:

Eyes:	May irritate.
Skin:	Non-irritating, non-sensitizing.
Ingestion:	Oral intake of large quantities is expected to cause irritation of the mouth, throat and digestive tract.

Critical hazards to humans and the environment (R-phrases): None.

## 4. First Aid Measures:

General recommendations:	None.
Inhalation:	No vapours appear at normal working temperature.
Skin contact:	Rinse with water and soap.
Eye contact:	Rinse with plenty of water, seek medical advice.
Ingestion:	Rinse the mouth with water and drink plenty of water. Seek medical advice.

Advise for the doctor: Bring this MSDS.

## 5. Fire fighting measures:

Suitable fire extinguisher:	Water mist, foam, dry powder and CO <sub>2</sub> .
Unsuitable fire extinguisher:	Water jet.
Special measures for fight against fire:	No data available.

## 6. Accidental release measures:

Personal precautions:	Avoid contact with eyes, skin and clothes.
Environmental precautions:	Keep away from drains, surface and ground water.

Methods for cleaning up: Use absorbent materials (sand, sawdust or universal binder). Clean with hot water and detergent.

Further measures: None.

### **7. Handling and storage:**

Handling: Handle with care and avoid oil on the floor (slippage).

Measures for safety handling: Consider normal working hygiene.

Storage conditions: No special measures.

Measures for storage: Store at normal temperature.

### **8. Exposure Control/Personal protections:**

Further measures to the design of technical equipment:

No further advice; see heading 7.

Specific control parameters like threshold limit values or biological standards:

No data available.

Personal protections:

Respiratory protections: No aerosol formation.

Hand protection: Use protective gloves.

Eye protection: No special measures.

Skin protection: No special measures.

### **9. Physical and Chemical Properties:**

Appearance.

Form: Liquid.

Colour: Yellowish.

Smell: Bland.

Information related to safety.

Boiling point: No known data.

Cloud point: No known data.

Flash point: >180°

Ignition temperature: No data available.

Auto flammability: Not possible.

Explosive properties: Not explosive.

Limits of flammability: No data available.

Vapour pressure at 20°: <0,01 mbar.

Vapour pressure at 50°: <0,01 mbar.

Density at 25°: 0,92 g/ml

Solubility in water: Emulsifiers.

PH value (10% Emulsion): 4-7

Partition coefficient n-Octanol/water: No data available.

Viscosity: Dynamic at 25°: 57 mPa.S

### **10. Stability and Reactivity:**

Conditions to avoid: Oxidation promoting conditions (e.g. heat and sunlight)

Material to avoid: Prooxidants.  
Hazardous decomposition products: None (thermal decomposition products: H<sub>2</sub>O and CO<sub>2</sub>).  
Further advise: None.

### **11. Toxicological information:**

Acute toxicity:

LD/LC50 – value: LD50>2000mg/kg body weight. Rats oral.  
Specific symptoms by animal test: No data available.  
Immediate effect: No data available.  
Sensitizations: No data available.  
Further information: The preparation is thus by ingestion non-toxic.  
Short and long term toxicity: No data available.  
Experience from human exposure: No data available.

### **12. Ecological information:**

Elimination (persistence and degradability): No data available.  
Bio accumulative potential: No data available.  
Ecotoxicity: No data available.  
Further information: Readily biodegradable (according to OECD classification).

According to recipe, the content of heavy metals and substances classified as dangerous to the environment: None.

### **13. Disposal Considerations:**

Disposal according to the local authorities' advise. May be burned together with household waste.

Contaminated packaging: Disposal according to the local authorities' advises.

### **14. Transport information:**

Land transport ADR/RID and GGVS/GGVE: Not classified.  
Sea transport IMDG/GGVSee: Not classified.  
Air transport ICAO-TI and IATA-DGR: Not classified.

Further transport information: No hazardous preparation according to these transports classifications.

### **15. Regulatory information:**

Classification according to EEC directives: This preparation is to our information not a dangerous material.

Symbols and phrases according to health hazards: None.

Dangerous substances to label: None.

R-phrases: None.

S-phrases: None.

### **16. Further information:**

The information in this MSDS is accurate to the best of our knowledge and is valid for the product in the supplied state.