

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:**

Product Name Mesamoll

Supplier Lindchem Ltd, 27-30 North River Road, Great Yarmouth, NR30 1SH.

Tel: 01493 850 303

Fax: 01493 330 909

1. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	EINICS No.
Alkyl sulfonic acid ester of phenol.	91082-17-6	293-728-5

2. HAZARDS IDENTIFICATION

Main Hazards: Hazard warning not required.

3. FIRST AID MEASURES

Skin Contact: Remove contaminated clothing. Wash with large amounts of soap and water.

Eye Contact: Flush eye liberally with water.

Ingestion: Seek medical attention.

4. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Extinguish with water spray, CO₂, foam or dry chemical.

Protection of Fire Fighters: In the case of fire be aware of formation of noxious fumes. Wear self-contained breathing apparatus in a large fire.

Special Precautions: Prevent contaminated extinguishing water entering drains, sewers or streams.

6. ACCIDENTAL RELEASE MEASURES

Do not empty into drains.
Absorb the spilled material with sand or soil. Collect in a closed container and remove to a safe place for disposal.

7. HANDLING AND STORAGE

Handling: Maintain adequate ventilation.

Storage: Store in closed containers in a cool dry place.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits: 5mg/m³ (TWA) 10(STEL)

Personal Protection Equipment:

- Eye Protection: Safety glasses.
- Hand/Skin Protection: Rubber gloves

When using, do not eat, drink or smoke. Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at the end of work. Keep working clothes separate. Take off immediately all contaminated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odour:	Odourless
Colour:	Light yellow
Boiling Point/Range:	Approx. 200°C (13hPa)
Setting Point:	Below - 15°C
Flash Point:	210 – 240°C
Density: (20°C)	1.04 – 1.07 g/cm ³
pH:	Not applicable
Vapour Pressure:	Below 0.0001 hPa (+20°C)
Viscosity:	100 – 150 mPa at 20°C
Solubility in Water:	0.002 g/l (+20°C)
Ignition Temperature:	Approx. 425°C
Explosive Limits:	Limits not determined

10. STABILITY AND REACTIVITY

Stability Thermal decomposition begins at 200°C

Hazardous Decomposition Products: Formation of sulphur dioxide and phenol in case of fire or during thermal decomposition.

Hazardous Reactions: No hazardous reactions observed.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: LD₅₀ oral, rat: . 10000 mg/kg
 LD₅₀ dermal, rabbit: The highest dosage level of approx. 1000 mg/kg body weight did not cause any signs of toxicity.

Irritation: Primary skin irritation, rabbit: Not irritating.
 Primary eye irritation, rabbit: Not irritating
 Effect on skin, human: Not irritation after 24 hours.

12. ECOLOGICAL INFORMATION

Water pollution class (WGK): 1 – Slightly hazardous to water (own classification)

WGK – Classification in accordance with the German water resources act.

Acute fish toxicity: LC₀ – 100 mg/l. Tested on Brachydanio rerio for 96 hours.

Acute toxicity for Daphnia: EC₀ = 88 mg/l. Tested on Daphnia magna for 24 hours.

Acute Bacteria toxicity: EC₅₀ = above 10000 mg/l. Tested on activated sludge micro-organism.

Biological Degradability: Above 70% (Closed bottle test. 28 days).

13. DISPOSAL CONSIDERATIONS

Incinerate only in officially approved incinerator. Code number according to the German regulation on waste: 57201.

Consult local authorities for detailed advice.

14. TRANSPORT INFORMATION

Not a dangerous cargo. Keep away from foodstuffs.

15. REGULATORY INFORMATION

No labelling is required for this material by the classification, packaging and labelling of dangerous substances regulations 1984 and corresponding EEC directives.

16. OTHER INFORMATION

The product contains substances according to:

a) EEC Directive “Solvents”, status 10-06-82

EEC Number: 604-001-00-02

Substance designation: phenol

b) EEC Directive “Coatings and adhesives”, status 16.05.83

EEC Number: 604-001-00-02

Substance designation: phenol

EEC Directive “Dangerous substances” Annex 1, status 24.06.86

As stated under a) & b)

The above information is correct to the best of our knowledge. The conditions or methods of handling, storage, use or disposal are beyond our control. Attention is drawn to the users of the need to satisfy themselves of the suitability of use and their compliance with COSHH regulations 1988.