

# Material Safety Data Sheet

according to 91/155/EEC

**Product name :** MESSAMOLL  
**Revision :** 11.07.2006      **Version :** 2.0.0  
**Print date :** 07.08.2006

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## **01. Identification of substance, preparation and company**

### **Product name**

MESSAMOLL (F168934)

### **Manufacturer/Supplier**

BASF Construction Chemicals (UK) Ltd.

### **Street/P.O.Box**

19 Broad Ground Road Lakeside Industrial Estate /

### **Country code/Postal code/Town/City**

B 98 8YP Redditch, Worcestershire

### **Telephone / Telefax**

+44(0)161 794 7411 / +44(0)161 727 8547

### **Emergency information**

Schweizer Toxzentrum +0041-1-2515151 (CH)  
Centre Anti - Poison +0033 01 40 37 04 04 (FR)  
Toxikologické informa-ní st-edisko +00420 224 919 293 (CZ)  
Myrkytystietokeskus puh.(suora) +358 (0) 9 471 977 (vaihide) 094711 (FIN)

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## **02. Composition/information on ingredients**

### **Chemical characterization**

Sulfonic acids, C10-21-alkane, Phenil esters

### **Hazardous components**

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## **03. Hazards identification**

### **Hazard designation**

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## **04. First-aid measures**

### **After inhalation**

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration.  
Unconsciousness: lateral position - call a physician.

### **After skin contact**

Immediately remove all contaminated clothing. Wash away with soap and water and rinse. Do NOT use solvents or thinners.

### **After eye contact**

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

### **After ingestion**

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

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## **05. Fire-fighting measures**

### **Suitable extinguishing media**

Alcohol resistant foam, CO2, powders, water spray.

### **Unsuitable extinguishing media**

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Waterjet.

## **Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

## **Special protective equipment**

Appropriate breathing apparatus may be required.

## **Additional information**

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

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## **06. Accidental release measures**

### **Personal precautions**

Provide for sufficient ventilation. Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

### **Methods for cleaning up/collecting**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

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## **07. Handling and storage**

### **Information for safe handling**

Provide for fresh air ventilation. Avoid contact with skin and eyes. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

### **Information about protection against explosions and fires**

No particular measures required.

### **Requirements to be met by storerooms and containers**

Containers should be kept dry and sealed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **Information about separation of incompatible products**

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

### **Further information about storage conditions**

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Containers should be kept dry and sealed.

**Storage class (VCI) :** 10

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## **08. Exposure controls and personal protection**

### **Personal protective equipment**

#### **Hand protection**

Rubber  $\geq 0,5\text{mm}$   $\geq 480$  min. After washing hands replace lost skin fat by fat containing skin creams. By using other gloves with a lower endurance, change them more often.

#### **Eye protection**

Use safety glasses.

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## Body protection

Light protective clothing.

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## 09. Physical and chemical properties

### Image

**Form :** Liquid.  
**Colour :** Light yellowish.  
**Odour :** Odourless.

### Relevant safety data

|                                |              |     |             |                   |           |
|--------------------------------|--------------|-----|-------------|-------------------|-----------|
| <b>Boiling point / range :</b> | ( 1013 hPa ) | ca. | 200         | °C                |           |
| <b>Flash point :</b>           |              | ca. | 225         | °C                | DIN 53213 |
| <b>Ignition temperature :</b>  |              | ca. | 425         | °C                |           |
| <b>Density :</b>               | ( 20 °C )    |     | 1.04 - 1.07 | g/cm <sup>3</sup> |           |
| <b>Viscosity :</b>             | ( 20 °C )    |     | 100 - 130   | mPa.s             |           |

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## 10. Stability and reactivity

### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

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## 11. Toxicological information

### Toxicological tests

#### LD50/LC50 values that are relevant for classification

|                   |              |
|-------------------|--------------|
| Specification :   | LD-50        |
| Routes of entry : | oral         |
| Test species :    | Rat          |
| Value / dosage :  | > 5000 mg/kg |
| Specification :   | LD-50        |
| Routes of entry : | skin         |
| Test species :    | Rat          |
| Value / dosage :  | > 1000 mg/kg |

### Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

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## 12. Ecological information

### Ecotoxic effects

#### Aquatic toxicity

Specification : Toxicity to fish

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Parameters :                      LCO  
   Brachydanio rerio  
Value / dosage :                100 mg/l  
Test-period :                    96 1 h  
Specification :                  Toxicity to daphnia  
Parameters :                    EC50  
   Spezies: Daphnia magna Straus 1820  
Value / dosage :                > 1000 mg/l  
Test-period :                    48 1 h  
Specification :                  Acute toxicity to alga  
Parameters :                    EC50  
   Desmodesmus subspicatus  
Value / dosage :                > 10 g/l  
Test-period :                    72 1 h

## Additional ecological information

### General ecological information

Do not empty into waters or drains.

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## 13. Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

### Product

#### Waste key

According to the actual waste legislation it is not possible for us to give the waste code because it depends on the application of the product that we do not know here. If you need some help to determine this code, please ask your executives. Disposal Code according to European Waste Catalog (EWC) please specify according to the use of product, e.g.: 080112 Waste from production, formulation, sales and application of paints and varnishes. Old paints and varnishes, not containing organic solvents or any other dangerous material.

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## 14. Transport information

### Land transport ADR/RID

#### Classification

Class : -

### Maritime transport IMDG/GGVSea

#### Classification

IMDG-Code : -

### Air transport ICAO-TI and IATA-DGR

#### Classification

Class : -

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## 15. Regulatory information

The product is not subject to regulations directiv. 67/548/EEC.

### Classification according to EC directives

No danger symbols

### National regulatory information

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## **Ordinance on Dangerous Substances (GefStoffV)**

### **Additional information**

The usual precautionary measures for the handling of chemicals have to be observed. In case of multi component products, please consider the information given for the other components as well.

### **Regulation on inflammable liquids (VbF)**

VbF-Class : Not dangerous according to VbF

### **Water pollution classification**

Class : 1 according VwWwS

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## **16. Other information**

### **Restrictions on use recommended by the manufacturer**

Coating material - use only according to the Technical Information of the product.

### **Further information**

We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 16 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

### **Relevant changes**

15. Water pollution classification

### **Department issuing data sheet**

BASF Construction Chemicals Business Line Performance Flooring.

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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