

# Material Safety Data Sheet (1907/2006/EG, article 31)

OBTEGO P-20

**OBTEGO®**  
innovative surface protection

Version: 1.0 / ENG Date of issue: 18.09.2009

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## 1. PRODUCT AND COMPANY IDENTIFICATION

### Commercial product

**name :** OBTEGO® P-20

**Application:** Pore filler for absorbing surfaces

**Distributor :** OBTEGO AG  
Niederfeldstrasse 38  
D-84088 Neufahrn i. Ndb.  
Germany Tel.: +49(0)8773/70723-0, Fax: +49(0)8773/70723-29

**Emergency call :** Poison emergency number Munich toxicological department of the II. Medical clinic right of the Isar in the Ismaninger St. 22 81675 Munich) Emergency number: +49 (0)89/19240

## 2. HAZARDS IDENTIFICATION

**Classification:** not applicable

### Critical hazards to humans and the environment:

The product is not to label due to the calculation method of the general classification guideline for preparations of the European Union in its last version.

## 3. COPOSITION/INFORMATION ON INGREDIENTS

**Chemical characterization:** Mixture of following ingredients

### Information on ingredients:

Substance	CAS-No.	EINECS/ELINCS No.	(wt. %)	Classification
Dipropylene glycol-methyl ether	34590-94-8	252-104-2	< 5	

### Ingredients according guideline (EC) 648/2004:

<5% nonionic surfactants, contains preservatives (Methylchloroisothiazolinone, Methylisothiazolinone.)

## 4. FIRST-AID MEASURES

**After eye contact:** If contact with eyes, flush with plenty of water.

**After skin contact:** Flush skin with plenty of water and soap.

**After swallowing:** Rinse mouth and drink plenty of water. Do not induce vomiting.

**General advice:** Remove contaminated clothes.

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## 5. FIRE-FIGHTING MEASURES

**Special dangers:** Product does not burn.

**Suitable extinguishing agent:** Fire extinguishing activities according to surrounding. Carbon dioxide extinguishing powder or water jet.

**Protection equipment:** No special measures are required.

**Other details:** -

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Slippery from leaked or spilled product. Avoid contact with eyes and skin.

**Environmental protective measures:** Preventing contamination of water and the ground, rivers or surface waters.

**Measures after slopping:** Taking with liquid definite material (sand, Kieselgur, acid tie, universal tie, sawdust).

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes.

**Advice for storage of Incompatible materials:** Store separate from food.

**Storage:** Containers locked tightly and keep at a dry place. Protect from freezing. Protect from heat and direct sun radiation.

**Recommended materials:** Store in original container.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Technical protection-measures:** Take the usual precautions when handling with chemicals.

**TWA - value:** Dipropylene glycol methyl ether 310 mg/m<sup>3</sup>, 50 ml/m<sup>3</sup>

**Breath protection:** When used properly, not necessary.

**Hand protection:** With longer or repeating contact carry protection gloves (EN 374).

**Eye protection:** Wearing basket glasses during decanting.

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**Hygiene measures:** The usual hygiene measures suffice; wash hands after the use of material; particularly before the meal, drinking and smoking.

**Further notes:** -

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State of aggregation:** Liquid  
**Color:** white  
**Odour:** characteristic  
**Boiling-point/boiling area:** ~ 100 °C  
**Flash point:** not adaptable  
**Igniting temperature:** Product does not burn.  
**Density:** ~ 1,0 g/cm<sup>3</sup> at 20°C  
**Solubility in water:** soluble  
**pH-value (20°C):** 6,5 - 7,5

## 10. STABILITY AND REACTIVITY

**Stability:** Under normal application conditions stable  
**Avoiding Conditions:** No hazardous reactions known.  
**Substances to be avoided:** -

## 11. TOXICOLOGICAL INFORMATION

### Particular relevance

classification LD/LC50-value: not determined

**After eye contact:** Maybe lead to light irritations.

**After skin contact:** No sensitizing effect known

**After inhalation:** No sensitizing effect known

**Health awareness:** No sensitizing effect known

### **Other details**

**to the health:** When used and handled properly the product caused by our experience and information we have, not to harmful effects.

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**12. ECOLOGICAL INFORMATION****Ecotoxicological****effects:**

Classification based on the contents substances: Give the product not undiluted or in large quantities to groundwater or sewage drains. Product is weakly water-polluting.

**Mobility:**

Because of the high molecular weight of the polymer component there is no bio concentration expected.

**Persistence and degradableness****Bio reduction/****additional notes:**

It is not expected that polymeric components are biodegradable.

**Additional notes:**

-

**Bio accumulation potential****Additional notes:**

-

**Other harmful one****Effect:**

-

**Additional ecological****Notes (general):**

After our present knowledge no further data are known.

**13. DISPOSAL CONSIDERATIONS****Product:**

Remove in accordance with local official regulations.

Waste-code recommendation: 07 02 99

**Packing:**

Totally emptied packaging can be taken for recycling.

**14. TRANSPORT INFORMATION****Transport on street- / iron rail transport (ADR/RID)**

No dangerous product.

**15. REGULATORY INFORMATION****Identification in accordance with hazardous materials ordinance and guideline 1999/45/EC:**

This product is according EC-guidelines not to label.

**S-phrases:**

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Keep out of reach of children

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46 If swallowed, seek medical advice immediately and show this container or label.

**National regulations water endangerment class (WGK):** 1 (weakly water-polluting)

**Business safety ordinance:** -

**Status**

**EINECS:** All contents substances listed or excepted from the listing.

**TSCA:** All contents substances listed or excepted from the listing.

## 16. OTHER INFORMATION

### Texts of R-phrases:

R34: Causes burns  
R36/38: Irritating to eyes and skin  
R43: May cause sensitization by skin contact  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The details are based on today's stand of our knowledge and serve to describe the product with regard to the safety measures to be taken. You don't represent any warranty of product qualities, however, and don't give reasons for any contractual facts of the case.