

## Safety Data Sheet 1907/2006/EG

Article: **Chemical and acid binder**

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

Product:	<b>Chemical and acid binder</b> , article number 157219
Registration number:	not applicable
Use:	absorbent
Supplier:	<b>DENIOS AG</b> Dehmer Str. 58-66 32549 Bad Oeynhausen, Germany
Phone:	++49 (0) 5731/753-0
E-Mail:	customerservice@denios.de
Emergency phone:	++49 (0) 6131/ 19240, Poison Information Centre Mainz (24-hour service)

### 2. Hazards identification

Physico-chemical hazards:	See chapter 10.
Human health dangers:	Frequent persistent contact with the skin can cause skin irritation.
Environmental hazards:	See chapter 12.
Other hazards:	none
Hazard symbols:	none
R-phrases:	none

### 3. Composition/Information on ingredients

Kieselguhr, embedded in polyacrylate.  
Comment on component parts: No dangerous components.

### 4. First aid measures

General information:	Change soaked clothing.
Inhalation:	not applicable
Skin contact:	In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	Induce the patient to vomit of his own accord only if fully conscious. Supply with medical care.
Advice to doctor:	Treat symptomatically.

### 5. Fire-fighting measures

Suitable extinguishing media:	Carbon dioxide. Dry powder. Foam. Water spray jet.
Extinguishing media that must not be used:	Full water jet.

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Special exposure hazards arising from the substance or preparation itself or combustion products:

Not combusted hydrocarbons.  
Carbon monoxide (CO).

Special protective equipment for firefighters:

Do not inhale explosion and/or combustion gases.  
Use self-contained breathing apparatus.

Additional information:

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

### 6. Accidental release measures

Personal precautions: High risk of slipping due to leakage/spillage of product.  
Environmental precautions: Do not discharge into the drains/surface waters/groundwater.  
Methods for cleaning up: Take up mechanically.  
Dispose of absorbed material in accordance within the regulations.

### 7. Handling and storage

Advice on safe handling: No special measures necessary if used correctly.  
Advice on protection against fire and explosion: No special measures necessary.  
Requirements for storage rooms and vessels: not applicable  
Advice on storage compatibility: not applicable  
Further information on storage conditions: not applicable

### 8. Exposure controls / personal protection

Additional advice on system design: Ensure adequate ventilation on workstation.  
To pay attention to dust limit value (ACGHI-2006: 10 mg/m<sup>3</sup> particle inhalable; 3 mg/m<sup>3</sup> particle respirable).  
Ingredients with occupational exposure limits to be monitored: not applicable  
Respiratory protection: not applicable  
Hand protection: Butyl rubber, >120 min (EN 374).  
Eye protection: Safety glasses.  
Skin protection: not applicable  
General protective measures: Avoid contact with eyes and skin.  
Do not inhale dust.  
Hygiene measures: Wash hands before breaks and after work.  
Use barrier skin cream.  
Delimitation and monitoring of the environmental exposition: not determined

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**9. Physical and chemical properties**

Form:	solid
Color:	whitish
Odor:	uncharacteristic
pH-value:	8,01
pH-value [1%]:	not determined
Boiling point [°C]:	not determined
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Oxidizing properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	not determined
Density at [°C]:	not determined
Bulk density [kg/m <sup>3</sup> ]:	not determined
Solubility in water:	insoluble
Partition coefficient [n-octanol/water]:	not applicable
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not applicable
Decomposition temperature:	not applicable

**10. Stability and reactivity**

Hazardous reactions:	No hazardous reactions known.
Hazardous decomposition products:	No hazardous decomposition products known.

**11. Toxicological information**

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not determined
Reproduction toxicity:	not determined
Carcinogenicity:	not determined

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Experiences made in practice: none  
General remarks: No classification on the basis of the calculation procedure of the preparation directive.

### 12. Ecological information

Fish toxicity: not determined  
Daphnia toxicity: not determined  
Behaviour in environment compartments:  
not determined  
Behaviour in sewage plant: not applicable  
Bacteria toxicity: not determined  
Biological degradability: not determined  
COD: not determined  
BOD 5: not determined  
AOX-advice: not applicable  
2006/11/EC: not applicable  
General information: Ecological data are not available.  
Do not discharge product unmonitored into the environment.

### 13. Disposal considerations

Product: Coordinate disposal with the authorities if necessary.  
Contaminated packaging: Uncontaminated packaging may be taken for recycling.  
Packaging that cannot be cleaned should be disposed of as for product.  
Waste no. (recommended): 150203

### 14. Transport information

**Classification according to ADR:** NO DANGEROUS GOODS  
- Classification Code:  
- Label:  
- ADR LQ  
- ADR 1.1.3.6 (8.6): Transport category (tunnel restriction code): -  
**Classification according to IMDG:**  
**IMDG:** NOT CLASSIFIED AS "DANGEROUS GOODS"  
- EMS:  
- Label:  
- IMDG LQ:  
**Classification according to IATA:** NOT CLASSIFIED AS "DANGEROUS GOODS"  
- Label:

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### 15. Regulatory Information

Exposure scenario:	not applicable
Chemical safety report:	not applicable
Labelling:	The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:	none
R-phrases:	none
S-phrases:	none
Special labelling:	not applicable
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009).
NATIONAL REGULATIONS	EH40/2005 Workplace exposure limits with amendments October 2007.

### 16. Other information

Observe employment restrictions for people:	not applicable
VOC (1999/13/CE):	not applicable
Customs Tariff:	not determined