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## 1. Identification of the substance/preparation

<b>Name of product</b>	<b>Filter-Cel</b>
<b>Manufacturer/distributor</b>	MACHEREY-NAGEL GmbH & Co. KG Valenciener Straße 11, D-52355 Düren Phone +49-2421-969-0, Fax +49-2421-969-199
<b>Advice</b>	LC-Abteilung Phone +49-2421-969-0
<b>Emergency advice</b>	Giftinformationszentrale, I. Med. Abt. Krankenhaus Barmbeck, D- 22307 Hamburg Phone +49-40-6385-3345 / 3346

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## 2. Composition/information on ingredients

CAS-No. 068855-54-9

Kieselgur

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## 3. Special hazards information for man and environment

**R-phrases**

keine no

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## 4. First aid measures

**Inhalation**

Refer for medical treatment.

**Skin contact**

In case of contact with skin wash off with warm water.

**Eye contact**

In case of contact with eyes rinse thoroughly with water.

**Ingestion**

Refer to medical treatment.

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## 5. Fire-fighting measures

**Extinguishing material that must not be used for safety reasons**

no

**Additional information**

no

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## 6. Accidental release measures

**Personal precautions**

Avoid dust formation.

Use breathing apparatus if exposed to vapours/dust/aerosol.

**Methods for cleaning up/taking up**

After taking up the material dispose according to regulation.

Take up mechanically.

**Additional Information**

no

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## 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.

### Further information on storage conditions

Keep container tightly closed.

Store in a dry place.

Recommended storage temperature: 20°C.

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## 8. Exposure controls / personal protection

### Additional advice on system design

no

### Eye protection

safety goggles

### General protective measures

Do not inhale dust.

### Hygiene measures

Wash hands before breaks and after work.

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## 9. Physical and chemical properties

Form  
powder

Odour  
odourless

### Data relevant for safety

	Value	Temperature	At	Method	Remark
pH	no	no			
boiling temperature	not applicable				
melting temperature	not applicable				
Flash point	not applicable				
Ignition Solid	not applicable				
Ignition Gas	not applicable				
Ignition temperature	not applicable				
Lower explosion limit	not applicable				

**Filter-Cel**

	Value	Temperature	At	Method	Remark
<b>Upper explosion limit</b>	not applicable				
<b>Vapour pressure</b>	not applicable				
<b>bulk density</b>	0,28 kg/m3* 10E2				
<b>Solubility in water</b>		20 °C		not determined	
<b>Partition coefficient (log p<sub>OW</sub>)</b>	not determined				
<b>Viscosity</b>	not applicable				
<b>Solvent separation test</b>	not determined				
<b>Explosive properties</b>	no				
<b>Further information</b>	no				

**10. Stability and reactivity**

**Conditions to avoid**

No hazardous reactions known.

**Hazardous decomposition products**

No hazardous decomposition products known.

**Thermal decomposition**

Method not determined

Remark no

**11. Toxicological information**

**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>LD 50 orale</b>	no	no		
<b>LD 50 dermal</b>	no	no		
<b>LC 50 inhal.</b>	no	no		
<b>Irritability Skin</b>	no	no		
<b>Irritability Eye</b>	no	no		
<b>Sensitization Skin</b>	no	no		

	Value/Validation	Species	Method	Remark
<b>Sensitization</b>	no	no		
<b>Ventilation</b>				
<b>Toxicity test (Additional information)</b>				
	no			
<b>Additional information</b>				
	no			

## 12. Ecological information

### Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>	no	no		no
	no			
<b>Biological degradability</b>	no	no		no
	no			

### Mobility and bioaccumulative potential

no

### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	no no	no		
<b>Daphnia</b>	no no	no		
<b>Algae</b>	no no	no		
<b>Bacteria</b>	no no			

### Breathing inhibition of activated sludge

	Value	Method	Remark
<b>EC 50</b>	no		

### Further information/ecology

	Value	Method	Remark
<b>CSB</b>	no		
<b>BSB 5</b>	no		
<b>AOX</b>	no		

### General information

no

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### 13. Disposal considerations

#### I Recommendations for the product

In accordance with regulations for special waste, must be taken after pretreatment to an authorised special waste disposal site or incineration plant.

#### Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

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### 14. Transport information

#### Land transport (ADR/RID/GGVS/GGVE)

Identification	-
Class/NO./letter	- / -
Hazard No.	-
Product No.	-
Remarks	
no	

#### Marine transport IMDG/GGV See

proper shipping name	-
class	-
UN-No.	-
Marine pollutant	no
PG	-
MFAG	-
EmS-No.	-
Remarks	
no	

#### Air transport ICAO/IATA

proper shipping name	-
class	-
UN/ID-No.	-
PG	-
Remarks	
no	

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### 15. Regulatory information

#### Remarks for classification

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

#### Classification

keine no

#### R-phrases

keine no

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### 16. Other information

#### Training advice

no

#### Recommendend uses and restrictions

no

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**Safety-data-sheet (91/155 EEC)**

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**Further information**

no