

# Safety Data Sheet

## SDS acc. Hazard Communication Standard

REF: 10085/90140

Fipa MN 85/90, AD:14 cm/ID:4 cm/B:8 cm

Page: 1/6

Printing Date: 01.10.2019

Date of Issue: 17.07.2018

### Section 1: Identification

#### 1.1 Product Identifier / Product Name

REF	10085/90140
Product Name	Fipa MN 85/90, AD:14 cm/ID:4 cm/B:8 cm
-	100 x Glass fibre filters MN 85/70 ... MN 85/220

#### 1.2 Relevant identified Uses of the Substance or Mixture and Uses advised against

##### Relevant identified uses

- a. Product for Analytical Use.  
The Exposure scenario is integrated into sections 1-16.
- b. Product used as Cleaning and Filtration aid.  
This Exposure scenario is also integrated into sections 1-16.

##### Uses advised against

not described

#### 1.3 Details of the Supplier and of the Safety Data Sheet

##### Manufactured by:

MACHEREY-NAGEL GmbH & Co. KG  
Neumann-Neander-Str. 6-8, 52355 Dueren, GERMANY  
Tel.: +49 2421 969 0

E-mail: [sds@mn-net.com](mailto:sds@mn-net.com) ([msds@mn-net.com](mailto:msds@mn-net.com))

#### 1.4 Emergency Telephone Number

Information not necessary.

You find our current versions of SDS (22 languages) in Internet:

<http://www.mn-net.com/SDS>

### Section 2: Hazard(s) Identification

#### 2.1 Classification of the Substance(s) or Mixture(s)

##### Glass fibre filters MN 85/70 ... MN 85/220

Signal Word	Do not need labelling as hazardous
-	-
No Hazard Class	

#### 2.2 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

**Not hazardous labelled**, because a long-time/multiple exposition of intaking dust is excluded, if the product is safety handled.  
The following listed labelling would be creating an "OVERLABELLING".

##### Glass fibre filters MN 85/70 ... MN 85/220

Do not need labelling as hazardous  
Signal Word: -

#### 2.3 Other Hazards

##### Possible Hazards from physicochemical Properties

According to our current status of knowledge and experience we state, that this product does not contain any substances, which - in accordance with GHS directives and EC regulations 1272/2008/EC, 1907/2006/EC for Hazardous goods - have to be declared as dangerous goods, either because of their applied concentration or because of their total amount in anyone kit.  
An individual package has considerably less hazardous potential. ---

##### Information pertaining to particular Risks to Human and possible Symptoms

No hazards in accordance with GHS directives and EU regulations 1272/2008/EC, 1907/2006/EC for Hazardous goods. ---

##### Information pertaining to particular Risks to the Environment

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##### Other Hazards

# Safety Data Sheet

## SDS acc. Hazard Communication Standard

REF: 10085/90140

Fipa MN 85/90, AD:14 cm/ID:4 cm/B:8 cm

Page: 2/6

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Concerning 97/69/EC "Mineral fibres" and CLP are all glass-like silica fibres carcinogen (Carc. 2 H351), if they contain more than 18 % oxides of the metals Na, K, Mg, Ca and Ba.  
It is not possible to declare glass filters as dangerous or not. We recommend not to inhale product dust. Glass filter dust may cause various damage of the inhalatory system if inhaled over a longer period.---

### Section 3: Composition/Information on Ingredients

#### 3.1 Substances or 3.2 Mixtures

##### Glass fibre filters MN 85/70 ... MN 85/220

Chemical: *quartz wool, glass fibres*

CAS No.: 14808-60-7

Classification: No criteria for classification or naming of chemical is not required.

Chemical Formula: SiO<sub>2</sub>

TSCA Inventory: listed

EC No.: 238-878-4

Weight Percent: 95 - &lt;100 %

acc. GHS: The criteria for classification are not fulfilled.

#### 3.3 Remarks

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### Section 4: First-Aid Measures

#### 4.1 Description of First-Aid Measures

Place insured person out of danger zone to fresh air immediately.

##### 4.1.1 After SKIN Contact

Remove dust with wetted tissue. Not necessary.

##### 4.1.2 After EYE Contact

Rub dust with teardrops from eyes

##### 4.1.3 After INHALATION of Vapors

Not necessary. After inhalation of dust fresh air should be inhaled.

##### 4.1.4 After ORAL Intake

Not necessary.

#### 4.2 Most important Symptoms and Effects, both acute and delayed

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#### 4.3 Indication of any immediate Medical Attention and Special Treatment needed

No additionally recommendations. ---

### Section 5: Fire-Fighting Measures

#### 5.1 Extinguishable Media

Fire extinguishers appropriate to the fire classification, and, if applicable, a fire blanket must be available in a prominent location in the work area. All extinguishers like WATER FOG, WATER SPRAY, alcohol-resistant FOAM, DRY CHEMICAL, CARBON DIOXIDE can be used.

#### 5.2 Special Hazards arising from the Substance or Mixture

None. Substance itself does not burn.

#### 5.3 Advice for Firefighters

No, for listed product. Product package burns like paper or plastic.

#### 5.4 Additional Information

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Fipa MN 85/90, AD:14 cm/ID:4 cm/B:8 cm  
 Date of Issue: 17.07.2018

Page: 3/6

### Section 6: Accidental Release Measures

**6.1 Personal Precautions, Protective Equipment and Emergency Procedure**

Avoid contact with fingers. Do not breathe dust. Not necessary.

**6.2 Environmental Precautions**

not necessary

**6.3 Methods and Material for Containment and Cleaning up**

Collect fibres in a plastic bag and close. Clean working area with water. Flush used water into sewer.

**6.4 Reference to other Sections**

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### Section 7: Handling and Storage

**7.1 Precautions for Safe Handling**

Handle with care. Prevent activities that damage the paper surface. Do not inhale product dust.

**7.2 Conditions for Safe Storage, including any Incompatibilities**

The original product package of MACHEREY-NAGEL allows a safe storage.

Storage class (VCI): 13  
 Water hazard class (DE): nwg

**7.2.1 Conditions for Safe Storage, including any Incompatibilities**

Keep original product packages tightly closed during handling and storage.

**7.3 Specific End Use(s)**

- a. Product for analytical use.
- b. Product used as cleaning and filtration aid.

### Section 8: Exposure Controls/Personal Protection

**8.1 Control Parameters**

**Glass fibre filters MN 85/70 ... MN 85/220**

Chemical: quartz wool, glass fibres

CAS No.: 14808-60-7

NIOSH: [TWA] 3 fibers/cm<sup>3</sup> (fibers ≤ 3.5 µm in diameter & ≥ 10 µm in length) [TWA (total)] 5 mg/m<sup>3</sup>  
[TWA] Time-weighted average to a reference period of 8 hours, [STEL] Short-term exposure limit related to a 15-minute period

OSHA: [TWA (total/resp)] 15 / 5 mg/m<sup>3</sup>

**8.2 Exposure Controls**

Not necessary.

**8.2.1 Respiratory Protection**

Not necessary. Use for regular working with dry powders a mask or a dust respirator, class P3.

**8.2.2 Hand Protection**

Not necessary.

**8.2.3 Eye/Face Protection**

Not necessary.

**8.2.4 Skin Protection**

Not necessary.

**8.2.5 Hygiene Measures**

Information not necessary.

### Section 9: Physical and Chemical Properties

**9.1 Information on Basic Physical and Chemical Properties**

**Glass fibre filters MN 85/70 ... MN 85/220**

- |                      |                    |                   |
|----------------------|--------------------|-------------------|
| a) Appearance: solid | Color: white       | b) Odor: odorless |
| c) Odor Threshold:   | data not available |                   |
| d) pH:               | data not available |                   |
| e) Melting Point:    | data not available |                   |
| f) Boiling Point:    | data not available |                   |



# Safety Data Sheet

## SDS acc. Hazard Communication Standard

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Page: 4/6

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g)	Flash Point:	data not available
h)	Evaporation Rate <sub>(ether=1)</sub> :	data not available
i)	Flammability (solid, gas):	data not available
j)	Explosive Limits:	data not available
k)	Vapor Pressure (68°F):	data not available
l)	Vapor Density <sub>(air=1)</sub> :	data not available
m)	Specific Gravity:	data not available
n)	Soluble in Water:	data not available
o)	Partition Coefficient (o-w):	data not available
p)	Autoignition Temperature:	data not available
q)	Decomposition temperature:	data not available
r)	Viscosity:	data not available
s)	Explosive properties:	data not available
t)	Oxidizing properties:	---

### 9.2 Other Information

#### Relevant Properties of Substance Group

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## Section 10: Stability and Reactivity

### 10.1 Reactivity

None

### 10.2 Chemical Stability

No known instability.

### 10.3 Possibility of Hazardous Reactions

None.

### 10.4 Conditions to avoid

Not known. None ---

### 10.5 Incompatible Materials

None. Not necessary. ---

### 10.6 Hazardous Decomposition Products

In the original package all parts/all reagents are safety and separated stored. Decompositions are not observed during the expiration period under recommended conditions.

## Section 11: Toxicological Information

### 11.1 Information on Toxicological Effects

Following information is valid for pure chemicals.

#### Glass fibre filters MN 85/70 ... MN 85/220

Chemical:	<i>quartz wool, glass fibres</i>	CAS No.:	14808-60-7
TSCA Inventory:	listed	California Prop. 65 List:	listed cancer (airborne particles of respirable size)
ACGIH:	0.1 ppm		
Target Organs:	irritate or damage pulmonary tissue		
Symptoms:	cough; tightness in chest; shortness of breath		

## Section 12: Ecological Information

### 12.1 Toxicity

Following information is valid for pure chemicals.

#### Glass fibre filters MN 85/70 ... MN 85/220

Chemical:	<i>quartz wool, glass fibres</i>	CAS No.:	14808-60-7
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### 12.2 Persistence and Degradability

# Safety Data Sheet

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Page: 5/6

Printing Date: 01.10.2019

Date of Issue: 17.07.2018

not necessary

### 12.3 Bioaccumulative Potential

not necessary

### 12.4 Mobility in Soil

not necessary

### 12.5 Results of PBT and vPvB Assessment

no data available

### 12.6 Other Adverse Effects

no additional data available

## Section 13: Disposal Considerations

Not necessary.

### 13.1 Waste Treatment Methods

GENERAL: Empty solids into municipal waste, empty liquids diluted into drains. Empty filter close packed into municipal waste.

## Section 14: Transport Information

14.1. -14.4. Not necessary

### 14.5 Environmental Hazards

none

### 14.6 Special Precautions for User

not necessary

### 14.7 Transport in Bulk according to Annex II of MARPOL and the IBC Code

not applicable

## Section 15: Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

#### U.S. Federal Regulations

OSHA "A Guide to The Globally Harmonized System of Classification and Labelling of Chemicals (GHS)"

<https://www.osha.gov/dsg/hazcom/ghs.html>

29 CFR 1910.1200 Hazard communication.

### 15.2 Chemical Safety Assessment

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## Section 16: Other Information

### 16.1 List of Hazard and Precaution Phrases

#### 16.1.1 List of relevant H Phrases

#### 16.1.2 List of relevant P Phrases

### 16.2 Training Advice

Regular safety training.

### 16.3 Recommended Restriction on Use

None

### 16.4 Further Information

MACHEREY-NAGEL GmbH & Co. KG provides the information contained herein in good faith being up-to-date of own realizations at revision time. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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Page: 6/6

Printing Date: 01.10.2019

Date of Issue: 17.07.2018

### 16.5 Sources of Key Data

GHS: EU Regulation 1272/2008/EC on Classification, Labelling and Packaging of Substances and Mixtures, amending and repealing EU Directives 67/548/EEC and 1999/45/EC, and amending EU Regulation 1907/2006/EC

SDS: EU Regulation 453/2010/EU REACH - Requirements for the Compilation of Safety Data Sheets

EU Guideline 97/69/EC, Mineral Fibres

KÜHN, BIRETT (German), Data Sheets of Hazardous Substances

#### Revisions/Updates

*Reason for Revision: 2016-03 Adaptation of European Regulation 1221/2015/EU*

You find our current Versions of SDS in Internet:

<http://www.mn-net.com/SDS> [U.S. English]