

# Safety Data Sheet in Accordance with regulation 453/2010

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Date of issue: 05.06.2015 Replaces Data Sheet of: ---

"\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**  
**Trade Name:** Fasermaler 208  
**Article No.:** n.av.  
**Preparation No.:** n.av.  
**Registration No.:** n.av.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Use: fiber-tip pen ink
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**  
 Pelikan Vertriebsgesellschaft mbH & Co. KG, Werftstraße 9, D- 30163 Hannover  
 Telephone: +49-511-6969-0, Telefax: +49-511-6969-212, E-Mail: info@pelikan.com
- 1.3.2 **Responsible for the data sheet:**  
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**  
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning  
 Telephone: 030-4393-0 (8:30 – 16:30) Telephone: +44 870 600 6266

## SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**  
**Classification and labelling according to Directive 1272/2008/EC:**  
 n.ap.
- 2.2 **Label elements**  
 Classification according to 1272/2008/EC: No.  
 Applicable Exemptions:  
 Signal word(s): Hazard pictogram(s):  
 Component(s):
- H - Phrases:**
- P - Phrases:**  
 P102: Keep out of reach of children.  
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- Additional Markings:  
 Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.
- The above mentioned labelling is valid for distribution to private consumer.
- 2.3 **Other hazards**  
 This mixture contains no substances which are assessed to be PBT or vPvB.

## SECTION 3: Composition/information on ingredients

- 3.1 **Substances**  
**Dangerous Ingredients:**  
 n.ap.
- 3.2 **Mixtures**  
**Chemical Characterisation:**  
 Aqueous solution  
**Dangerous Ingredients:**
- | Material  | H - phrases |             | m% - range |
|-----------|-------------|-------------|------------|
| CAS - No. | EC - No.    | REACH - No. |            |
|           |             |             |            |

Text of H - phrases: see section 16

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**SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

After inhalation of product / fumes of fire leave contaminated area and provide for fresh air. In the event of symptoms occurring, seek medical treatment.

**4.1.2 Skin Contact:**

In case of contact with skin wash off immediately with soap and water. In the event of symptoms occurring, seek medical treatment.

**4.1.3 Eye Contact:**

Flush eyes out immediately with large amounts of water with eye lids lifted. Get medical treatment.

**4.1.4 Ingestion:**

Do not cause vomiting. Rinse mouth out and drink plenty of water afterwards. In the event of symptoms occurring, seek medical treatment.

**4.2 Most important symptoms and effects, both acute and delayed**

None.

**4.3 Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**

water spray jet Foam, dry chemicals, CO<sub>2</sub>.

**5.1.2 Extinguishing Media to Avoid:**

Water hose stream.

**5.2 Special hazards arising from the substance or mixture**

In the case of fire, the following product(s) may form: Organic crackproducts and carbon oxides., inorganic dust

**5.3 Advice for firefighters****5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

**5.3.2 Additional Information:**

None.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

See chapter 8.2.2

Provide sufficient ventilation.

**6.2 Environmental precautions**

Do not allow larger quantities to enter drainage. Inform responsible authorities in the case of accidental release of larger quantities.

**6.3 Methods and material for containment and cleaning up**

Dispose of absorbed material in accordance with the regulations.

**6.4 Reference to other sections**

None.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****7.1.1 Precautions for Safe Handling:**

Avoid contact with skin. When using do not eat, drink or smoke. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work.

**7.1.2 Precautions in Case of Fire and Explosion:**

No special measures necessary

**7.2 Conditions for safe storage, including any incompatibilities****7.2.1 Storage Instructions:**

No special measures required.

**7.2.2 Store away from:**

Store away from oxidising agents.

**7.2.3 Further Information on Storage Conditions:**

None.

**7.3 Specific end use(s)**

n.av.

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**SECTION 8: Exposure controls/personal protection**

8.1	<b>Control parameters</b>	
	<b>Material</b>	<b>Limit Value</b>
8.2	<b>Exposure controls</b>	
8.2.1	<b>Appropriate engineering controls</b>	
	Keep container tightly closed. No special measures necessary if used correctly.	
8.2.2	<b>Individual protection measures</b>	
8.2.2a	<b>Respiratory Protection:</b>	If ventilation is insufficient, wear respiratory protection
8.2.2b	<b>Hand Protection:</b>	Synthetic rubber gloves
		Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
8.2.2c	<b>Eye Protection:</b>	Goggles
8.2.2d	<b>Skin Protection:</b>	Light protective clothing
8.2.2e	<b>Further Information:</b>	Observe wearing time limits:
8.2.3	<b>Environmental exposure controls:</b>	
	n.av.	

**SECTION 9: Physical and chemical properties**

9.1	<b>Information on basic physical and chemical properties</b>		
9.1.1	<b>Form:</b> liquid	<b>Colour:</b> Various, depending on coloration	<b>Odour:</b> almost odourless
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	7 – 9	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): n.av.	
9.1.4	Flash point (°C):	n.av., closed cup	
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	None.	
9.1.8	Oxidising properties:	None.	
9.1.9	Explosion hazard:	n.ap.	
9.1.10	Explosion limits (Vol.%) lower:	n.ap., upper: n.ap.	
9.1.11	Vapour pressure:	n.ap.	
	Vapour density (Air = 1):	None.	
9.1.12	Density (g/ml):	n.av.	
9.1.13	Solubility (in Water):	miscible	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	2,54 cSt	
9.1.16	Solvent content (m %):	n.av.	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>		
	n.av.		

**SECTION 10: Stability and reactivity**

10.1	<b>Reactivity</b>	None.
10.2	<b>Chemical stability</b>	Stable at normal temperature.
10.3	<b>Possibility of hazardous reactions</b>	No hazardous reactions known.
10.4	<b>Conditions to avoid</b>	Store in cool and dry place.
10.5	<b>Incompatible materials</b>	Reactions with strong oxidising agents.
10.6	<b>Hazardous decomposition products</b>	No dangerous decomposition products when properly handled.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: Mildly irritating - not to be labelled.

Serious eye damage / irritation: Mildly irritating - not to be labelled.

Respiratory or skin sensitisation: Allergic reactions and sensitization are possible.

Germ cell mutagenicity: None.

Carcinogenicity: None.

Reproductive toxicity: None.

STOT-single exposure: n. av.

STOT-repeated exposure: n. av.

Aspiration hazard: n. av.

**11.1.2 – Practical Experience**

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

**SECTION 12: Ecological information****12.1 Toxicity**

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

**12.2 Persistence and degradability**

n.av.

**12.3 Bioaccumulative potential**

n.av.

**12.4 Mobility in soil**

n.av.

**12.5 Results of PBT and vPvB assessment**

This mixture contains no substances which are assessed to be PBT or vPvB.

**12.6 Other adverse effects**

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: n.ap.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**13.1.1 Recommendation: D 10 / R 1  
n:

Waste - Code - No.: 20 01 28

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

**13.2 Contaminated Packaging**

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Packaging that cannot be cleaned should be disposed of as for product

13.2.2 Safe Handling: As described under Residues. Observe the usual precautionary measures for handling chemicals.

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**SECTION 14: Transport information**

	<b>ADR</b> No dangerous goods according to ADR	<b>IMDG</b> No dangerous goods according to IMDG	<b>IATA</b> No dangerous goods according to IATA-DGR
14.1	<b>UN number</b>		
14.2	<b>UN proper shipping name</b>		
14.3	<b>Transport hazard class(es)</b>		
14.4	<b>Packing group</b>		
14.5	<b>Environmental hazards</b>		
14.6	<b>Special precautions for user</b> Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger)  Packing Instructions (Cargo)
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>		

**SECTION 15: Regulatory information**

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
n.av.
- 15.2 **Chemical safety assessment :**  
A chemical safety assessment has not been carried out.

**SECTION 16: Other information****Text of H phases mentioned in Section 3**

This datasheet has been compiled in accordance with EU regulation 453/201.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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