

**Safety Data Sheet in Accordance with regulation 2015/830**

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Date of issue: 25.09.2019 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:** Drawing Ink A black  
**Article No.:** n.av.  
**Preparation No.:** n.av.  
**Registration No.:** n.ap.  
**UFI - Code:** n.av.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses: Drawing Ink  
 Do not use as: Not suitable for tattooing
- 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, 30163 Hannover, D-  
 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, 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**  
 Emergency - Telephone of Company / Undertaking National Poisons Information Service  
 Telephone: +49-361-730730 (8:30 – 16:30) Telephone: +44 121 507 4123

**SECTION 2: Hazards identification**

- 2.1 **Classification of the substance or mixture**  
 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:**
- Additional Markings:  
 None.
- 2.3 **Other hazards**  
 This mixture contains no substances which are assessed to be PBT or vPvB.

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**SECTION 3: Composition/information on ingredients**

3.1 **Substances**  
n.ap.

3.2 **Mixtures**  
**Chemical Characterisation:**  
pigment, solution

**Dangerous Ingredients:**

Material	CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
<b>Phenol</b> 108-95-2 Muta. 2; H341 / Acute Tox. 3 *; H331 / Acute Tox. 3 *; H311 / Acute Tox. 3 *; H301 / STOT RE 2 *; H373 ** / Skin Corr. 1B; H314		604-001-00-2	203-632-7	01-2119471329-32-xxxx	< 0,5%
<b>Ammoniaklösung ....%</b> 1336-21-6 Skin Corr. 1B; H314 / Aquatic Acute 1; H400		007-001-01-2	215-647-6	n.av.	< 0,5%
<b>Bronopol (INN)</b> 52-51-7 Acute Tox. 4 *; H312 / Acute Tox. 4 *; H302 / STOT SE 3; H335 / Skin Irrit. 2; H315 / Eye Dam. 1; H318 / Aquatic Acute 1; H400 (M = 10)		603-085-00-8	200-143-0	01-2119980938-15-XXXX	< 0,1%

Text of H - phrases: see section 16

m% - range:  $x - y \triangleq x \geq - < y$ **SECTION 4: First aid measures**

4.1 **Description of first aid measures**

4.1.1 **Inhalation:**

Heating or fire can release toxic gas. If symptoms persist, call a physician.

4.1.2 **Skin Contact:**

In case of skin contact Wash with water and soap as a precaution. If symptoms persist, call a physician.

4.1.3 **Eye Contact:**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

4.1.4 **Ingestion:**

Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician.

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

None.

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

Treat symptomatically.

**SECTION 5: Firefighting measures**

5.1 **Extinguishing media**

5.1.1 **Suitable Extinguishing Media:**

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.

5.1.2 **Extinguishing Media to Avoid:**

high volume water jet

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

In the event of fire ? may be formed. Carbon oxides Inorganic substances in powdered form

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.

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**SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
See chapter 8.2.2  
Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Local authorities should be advised if significant spillages cannot be contained.
- 6.2 **Environmental precautions**  
Do not let product enter drains.
- 6.3 **Methods and material for containment and cleaning up**  
Sweep up to prevent slipping hazard.
- 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 or drink. Do not smoke. Remove and wash contaminated clothing before re-use. Wash hands before breaks and at the end of workday.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
No special precautions required.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
No special precautions required.
- 7.2.2 **Store away from:**  
Do not store together with .? oxidizing agents
- 7.2.3 **Further Information on Storage Conditions:**  
None.
- 7.3 **Specific end use(s)**  
n.av.

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

- 8.1 **Control parameters**
- |                 |   |
|-----------------|---|
| <b>Material</b> | <b>Limit Value</b>  |
| Phenol          | AGW: 2 ppm   7,8 mg/m <sup>3</sup> , TWA: 2 ppm   8 mg/m <sup>3</sup> / II/1175 |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**  
Keep container tightly closed in a dry and well-ventilated place. Handle in accordance with good industrial hygiene and safety practice.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** In case of insufficient ventilation wear suitable respiratory equipment.
- 8.2.2b **Hand Protection:** 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 **Eye Protection:** safety glasses
- 8.2.2d **Skin Protection:** protective suit
- 8.2.2e **Further Information:** Observe wearing time limits: Not relevant
- 8.2.3 **Environmental exposure controls:**  
n.av.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

9.1.1	<b>Form:</b> liquid	<b>Colour:</b> black	<b>Odour:</b> mild
			<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):	100, 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):	n.av.	
9.1.8	Oxidising properties:	n.av.	
9.1.9	Explosion hazard:	n.av.	
9.1.10	Explosion limits (Vol.%) lower:	n.ap., upper: n.ap.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	1,04	
9.1.13	Solubility (in Water):	insoluble	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.av.	
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 under normal conditions.
10.3	<b>Possibility of hazardous reactions</b> No dangerous reaction known under conditions of normal use.
10.4	<b>Conditions to avoid</b> Keep in a dry, cool place.
10.5	<b>Incompatible materials</b> Incompatible with oxidizing agents.
10.6	<b>Hazardous decomposition products</b> No decomposition if stored and applied as directed.

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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: May cause skin irritation in susceptible persons.

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: None.

Germ cell mutagenicity: n.av.

Carcinogenicity: n.av.

Reproductive toxicity: n.av.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

**11.1.1 – 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 eliminated from water by abiotic processes.

**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

Waste - Code - No.:

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. Offer rinsed packaging material to local recycling facilities.

13.2.2 Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

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**SECTION 14: Transport information**

	<b>ADR</b> Not classified as dangerous in the meaning of transport regulations.	<b>IMDG</b> Not classified as dangerous in the meaning of transport regulations.	<b>IATA</b> Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/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 :**  
n.ap.

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

H301: Toxic if swallowed.  
H302: Harmful if swallowed.  
H311: Toxic in contact with skin.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H331: Toxic if inhaled.  
H335: May cause respiratory irritation.  
H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H400: Very toxic to aquatic life.

This datasheet has been compiled in accordance with EU regulation 2015/830.

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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