

## Safety Data Sheet according to 1907/2006/EC

**Textmarker**  
**490** yellow  
**414** yellow, green

**Pelikan Vertriebsgesellschaft mbH & Co. KG**

### 1. Identification of the substance/mixture and of the company undertaking

**Trade name:** Textmarker 490 (yellow)  
Textmarker 414 (yellow, green)

**Application of the substance/preparation:** Consumer and/or professional use

**Manufacturer/Supplier:** Pelikan Vertriebsgesellschaft mbH & Co. KG  
**Street/PO. Box:** Postfach 11 07 55  
**Nat. Code/Location:** D-30102 Hannover Tel.: 0511-6969-0

**Further information obtainable from:**  
- Chemisches Labor Tel.: 05171-299-0 Fax: 05171-299-249  
- Institut für Umwelttechnik  
Dr. Kühnemann und Partner GmbH Tel.: 0511-12194-0 Fax: 0511-12194-23  
E-Mail: [ifu@kuehnemann.de](mailto:ifu@kuehnemann.de)

**Information in case of emergency:** Tel.: 0511-12194-0 (Monday – Friday from 9 am till 5 pm)

### 2. Hazards identification

**Classification of the substance or mixture:** No dangerous preparation according to 1999/45/EC

**Label elements:** According to 1999/45/EC no labelling necessary

**Hazard components for labeling:** n.a.

**Risk phrases:** n.a.  
**Safety phrases:** n.a.

**Other hazards:** No hazards if used for intended purpose

### 3. Composition / information on ingredients

**Chemical characterization:** Barrel and Cap: PP/PE  
Ink: Aqueous dispersion of dye-stuff with preservatives

#### Hazardous ingredients according to 1999/45/EC:

CAS-No.	EG-No.	Name	Classification		%
			Symbol	R-phrases ( Pkt. 16)	
497-19-8	207-838-8	SODIUM CARBONATE	Xi	36	<5

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**4. First aid measures (ink)**

**Description of first aid measures**

<b>After inhalation:</b>	Intake of fresh air
<b>After skin contact:</b>	Rinse with soap and running water
<b>After eye contact:</b>	Rinse with water thoroughly. Seek medical advice if necessary
<b>After swallowing:</b>	Rinse mouth with water. Seek medical advice if necessary
<b>Most important symptoms and effects, both acute and delayed:</b>	No data available
<b>Indication of any immediate medical attention and special treatment needed:</b>	No data available

**5. Fire-fighting measures**

<b>Suitable extinguishing agents:</b>	Water mist, foam, powder, carbon dioxide
<b>For safety reasons unsuitable extinguishing agents:</b>	Water jet
<b>Special hazards arising from the substance or mixture:</b>	Formation of common combustion products
<b>Special protective equipment for fire-fighters:</b>	Use self-contained breathing apparatus

**6. Accidental release measures**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Avoid skin and eye contact with ink
<b>Measures for environmental protection:</b>	Do not empty into drains and waters
<b>Measures for cleaning / collecting:</b>	Pick up with absorbent material and dispose appropriate
<b>Reference to other sections:</b>	Methods of disposal look at chapter 13

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**7. Handling and storage**

<b>Precautions for safe handling</b>	No special measures necessary
<b>Conditions for safe storage, including any incompatibilities</b>	Keep away from severe frost
<b>Specific end uses:</b>	No data available

**8. Exposure controls and personal protection****Control parameters**

<b>Occupational exposure limits (AGW) Germany:</b>	No data available
<b>Occupational exposure limits (OEL) EU:</b>	No data available

**Exposure controls**

<b>Personal protective equipment</b>	Not necessary if used for intended purpose
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**9. Physical and chemical properties (ink)**

<b>Form:</b> liquid	<b>Colour:</b> yellow, green	<b>Odour:</b>	odourless
<b>Boiling range:</b>	app. 100°C	<b>Flashpoint:</b>	n.a.
<b>Ignition temperature</b>	n.a.	<b>Vapour pressure:</b>	no data available
<b>Explosion limits:</b>	<b>lower:</b> n.a.	<b>upper:</b>	n.a.
<b>Density at 20°C:</b>	app. 1,1 g/cm <sup>3</sup>	<b>Viscosity at 25°C:</b>	2 mm <sup>2</sup> /s
<b>Solubility in water:</b>	soluble	<b>pH-value:</b>	9,5 – 11,5

**10. Stability and reactivity**

<b>Reactivity and chemical stability:</b>	No data available
<b>Possibility of hazardous reactions:</b>	None known if used for intended purpose
<b>Incompatible materials:</b>	Avoid contact with strong oxidizers
<b>Dangerous decomposition products:</b>	None known

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**11. Toxicological information (ink)**

**Acute toxicity (LD<sub>50</sub>):** LD<sub>50</sub> > 9 000 mg/kg rat (calculated)

**Additional Information:** May cause irritation of eyes

**12. Ecological information (ink)**

**Toxicity:** No data available

**Persistence and degradability:** No data available

**Bioaccumulative potential:** No data available

**Mobility in soil:** No data available

**Results of PBT and vPvB assessment:** n.a.

**Other adverse effects:** None known if used for intended purpose

**13. Disposal consideration**

Small residues: domestic waste

Extensive amounts according to local regulations. European waste catalogue: 15 01 06 Mixed packaging

**14. Transport information**

**Land transport ADR/RID** Textmarker is no dangerous good

<b>UN-Nr.:</b>	n.a.	<b>Packing group:</b>	n.a.
<b>Proper shipping name:</b>	n.a.	<b>Environmental Hazards:</b>	n.a.
<b>Class:</b>	n.a.		

**Maritime transport IMDG**

<b>UN-Nr.:</b>	n.a.	<b>Packing group:</b>	n.a.
<b>Proper shipping name:</b>	n.a.	<b>EmS:</b>	n.a.
<b>Class:</b>	n.a.	<b>Marine Pollutant:</b>	no

**Air transport ICAO-TI and IATA-DGR**

<b>UN-Nr.:</b>	n.a.	<b>Packing group:</b>	n.a.
<b>Proper shipping name:</b>	n.a.	<b>Special provision:</b>	
<b>Class:</b>	n.a.		

**Special precautions for user:** n.a.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** n.a.

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**15. Regulatory information**

**EU regulations:**

Dangerous preparation directive (1999/45/EC)

Dangerous substance directive (67/548/EWG)

REACH-directive (EU) Nr. 1907/2006

CLP-directive (EU) Nr. 1272/2008

**National regulations (Germany)**

**Wassergefährdungsklasse**

**(water hazard class) -ink:**

Slightly endangering water (WGK 1)

**Störfallverordnung (12. BImSchV):**

n.a.

**Technische Anleitung Luft (TA-Luft):**

n.a.

**Lösemittelverordnung (31.BImSchV):**

n.a.

**Chemical Safety Assessment:**

Not required

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**16. Other information**

**Indication of changes:**

n.a.

**R-phrases mentioned in chapter 2 or 3:**

**Ink:** R 36 Irritating to eyes

**Further information:**

Not to be used by children younger than three years

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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