

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

Stick Pen red

Pelikan Vertriebsgesellschaft mbH &amp; Co. KG

**1. Identification of the substance/preparation and the company**

**Trade name:** Stick Pen, red  
**Application of the substance/preparation:** Writing instrument

**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:**

- Chemical Laboratory 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****Hazard description:**

No dangerous preparation according to 1999/45/EC  
No hazards if used for intended purpose

**3. Composition / information on ingredients****Chemical characterization:**

Pen: plastic  
Ink: solutions of alcohol, dyestuff and additives

**Dangerous components according to 1999/45/EC (ink):**

CAS-No.	Name	Classification		%
		Symbol	R-phrases ( Pkt. 16)	
122-99-6	2-PHENOXYETHANOL	Xn	22, 36	25-50
26694-69-9	C.I. BASIC RED 1	Xn	22	10-25
110-63-4	BUTANE-1,4-DIOL	Xn	22	10-25
13127-82-7	N-ALKYL-"OLEYL"-N,N-BISHYDROXYETHYLAMINE	C, N	22, 34, 50	2,5-10
495-54-5	C.I. SOLVENT ORANGE 3	Xn	22	2,5-10
90506-69-7	ETHYLHEXYL PHOSPHORIC ACID ESTER	C	34	≤ 2,5

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

**After inhalation:** Intake of fresh air. In case of complaints consult a doctor  
**After skin contact:** Rinse with soap and water  
**After eye contact:** Rinse thoroughly with water. If necessary seek medical advice  
**After swallowing:** Rinse mouth with water. Seek medical advice

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**5. Fire-fighting measures**

**Suitable extinguishing agents:** Powder, carbon dioxide, water mist

**For safety reasons unsuitable extinguishing agents:** Water jet

**Special exposure hazards arising from the product itself, from combustion products or from resulting gases:**

No special hazards known

**Special protective equipment for fire-fighters:** Use self-contained breathing apparatus

**6. Accidental release measures (ink)**

**Person-related safety precautions:** Avoid skin and eye contact

**Measures for environmental protection:** Do not empty into drains and waters

**Measures for cleaning / collecting:** Pick up with absorbent material and dispose according to point 13

**7. Handling and storage**

**Handling:** No special measures necessary

**Storage:** No special measures necessary

**8. Exposure controls and personal protection (ink)**

**Ingredients with limit values that require monitoring at the workplace:**

2-PHENOXYETHANOL, CAS-Nr.: 122-99-6

Specification: TRGS 900 - German Occupational Exposure Limit Values

Value: 20 ppm / 110 mg/m<sup>3</sup>

Peak limitation: 2(l) duration 15 min, mean; 4 times per shift; interval 1 hour

There is no reason to fear a risk of damage to the developing embryo or foetus when AGW and BGW are adhered to.

**Limit values of the European Union** No data available

**Personal protective equipment** Not necessary if used for intended purpose

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**9. Physical and chemical properties (ink)**

<b>Form:</b> fluid	<b>Colour:</b> red	<b>Odour:</b> characteristic
<b>Boiling point:</b> 185°C		<b>Flashpoint:</b> 101°C.
<b>Ignition temperature</b> 370°C		<b>Vapour pressure at 20°C:</b> 0,1 hPa
<b>Explosion limits:</b> lower: 1,4 Vol %		<b>upper:</b> 12,6 Vol %
<b>Density at 20°C:</b> no data available		<b>Viscosity at 25°C:</b> app.21 000 mPas
<b>Solubility in/miscibility with water:</b> not soluble		<b>pH-value:</b> 5-8
<b>Organic solvents:</b> approx. 40 %		

**10. Stability and reactivity**

<b>Conditions/substances to be avoided:</b>	Avoid contact with strong oxidizers
<b>Dangerous decomposition products:</b>	None known

**11. Toxicological information (ink)**

<b>Acute toxicity (LD<sub>50</sub>):</b>	LD <sub>50</sub> > 1980 mg/kg (rat) (LD <sub>50</sub> for 2-PHENOXYETHANOL)
<b>Additional Information:</b>	May cause irritation in the eyes

**12. Ecological information (ink)**

<b>Ecotoxic effects:</b>	Endangering water
<b>Mobility:</b>	No data available
<b>Persistence und biodegradability:</b>	No data available
<b>Bioaccumulation potential:</b>	No data available
<b>Evaluation of PBT-properties:</b>	No chemical safety assessment required

**13. Disposal consideration**

Extensive amounts according to local regulations  
Small residues: domestic waste  
European waste catalogue: 15 01 02 Plastic Packaging

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Stick Pen is no hazardous good

<b>UN-Nr.:</b>	n.a.	<b>Packaging group:</b>	n.a.
<b>Class:</b>	n.a.	<b>Limited quantity:</b>	n.a.
<b>Description of goods:</b>	n.a.		
<b>Hazard-determining component:</b>	n.a.		

**Maritime transport IMDG**

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

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

<b>UN-Nr.:</b>	n.a.	<b>Packaging group:</b>	n.a.
<b>Class:</b>	n.a.		
<b>Proper shipping name:</b>	n.a.		
<b>Hazard-determining component:</b>	n.a.		

**15. Regulatory information****Labelling according to 1999/45/EC:** Not applicable for the article Stick Pen**Code letter and hazard designation of product**  
None**Hazard-determining component of labelling**  
None**R- phrases:** None**S-phrases:** None**Safety assessment:** Not required

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**16. Other information**

**EU-guidelines / directives**

Dangerous preparation directive (1999/45/EC), Dangerous substance directive (67/548/EWG),  
REACH-directive (EG) Nr. 1907/2006

**Restriction of application recommended by the manufacturer:**

Not to be used by small children

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

R 20: Harmful by inhalation  
R 22: Harmful if swallowed  
R 34: Causes burns  
R 36: Irritating to eyes  
R 50: Very toxic to aquatic organisms

**Alteration to last edition**

Adaptation to REACH-directive (EC) Nr. 1907/2006

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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