

Safety Data Sheet
according to 1907/2006/EC

Stick Pen blue

Pelikan Vertriebsgesellschaft mbH & Co. KG

1. Identification of the substance/preparation and the company

Trade name: Stick Pen, blue
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

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
100-51-6	BENZYL ALCOHOL	Xn 20/22	2,5-10
107-41-5	2-METHYLPENTANE-2,4-DIOL	Xi 36/38	2,5-10
90506-69-7	ETHYLHEXYL PHOSPHORIC ACID ESTER	C 34	2,5-10
52080-58-7	C.I. SOLVENT VIOLET 8	Xn, N 22, 41, 50/53	2,5-10
6786-83-0	C.I. SOLVENT BLUE 4	Xn 22	2,5-10

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/m³

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)

Form: fluid	Colour: blue	Odour: characteristic
Boiling point: 198°C		Flashpoint: 93°C.
Ignition temperature 260°C		Vapour pressure at 20°C: 0 hPa
Explosion limits: lower: 1,4 vol %		upper: 9 vol %
Density at 20°C: no data available		Viscosity at 25°C: app.18 500 mPas
Solubility in/miscibility with water: not soluble		pH-value: 4-7
Organic solvents: approx. 30%		

10. Stability and reactivity

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

11. Toxicological information (ink)

Acute toxicity (LD₅₀):	LD ₅₀ > 1980 mg/kg (rat) (LD ₅₀ for 2-PHENOXYETHANOL) LD ₅₀ > 700 mg/kg (rat) (LD ₅₀ for SOLVENT VIOLET 8)
Additional Information:	May cause irritation in the eyes

12. Ecological information (ink)

Ecotoxic effects:	Extremely hazardous for water
Mobility:	No data available
Persistence und biodegradability:	No data available
Bioaccumulation potential:	No data available
Evaluation of PBT-properties:	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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14. Transport information**Land transport ADR/RID**

Stick Pen is no hazardous good

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

Maritime transport IMDG

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

Air transport ICAO-TI and IATA-DGR:

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

15. Regulatory information**Labelling according to 1999/45/EC:** Not applicable for 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 38:	Irritating to skin
R 41:	Danger of serious damage to the eye
R 50/53:	Very toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment

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.
