

04.03.2003

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Safety Data Sheet (91/155/EEC)

Ink Cartridges Pelikan 4001 TP/6 and GTP/5

1. Declarations to the product

Commercial product name: Ink Cartridges Pelikan 4001

Manufacturer/Supplier: Pelikan PBS Vertriebsgesellschaft mbH & Co. KG

Street/PO.Box: Postfach 11 07 55

Nat. Code./Location: D-30102 Hannover

Tel.: 0511-6969-0

Information from Department:

- | | | |
|--|--------------------|--------------------|
| - 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 |

2. Chemical characterization

cartridge: polyethylene

ink: aqueous preparation of dyestuff and additives

Hazardous ingredients according to 91/155/EEC:

not applicable

3. Possible hazards

none if used for intended purpose

4. First aid measures

after inhalation: n.a.

after skin- or eye-contact:
rinse with water thoroughly

after ingestion
rinse the mouth with water, seek medical advice

5. Fire-fighting measures

Suitable extinguishing media:
n.a.

Extinguishing media which must not be used for safety reason
n.a.

Special exposure hazards arising from the product itself, from combustion products or
from resulting gases:
none known

Special protective equipment for firefighters:
no special measures necessary

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6. Accidental release measures

Personal precautions:

avoid intensive skin or eye-contact

Environmental precautions

do not empty into drains and waters

Methods for cleaning/absorption:

pick up mechanically and dispose according to point 13

7. Handling and storage

keep from severe frost

8. Limits of exposition and protective clothing

Additional remarks relating technical equipments:

no further remarks, see point 7.

Components with specific control parameters above 5%:

none

General measures of protection and hygiene:

none

9. Physical and chemical properties

Form: liquid **Colour:** various **Odour:** less odour

Boiling range: approx. 100°C **Flashpoint:** n.a.

Ignition temperature n.a. **Vapour pressure:** unknown

Explosion limits: lower: n.a. upper: n.a.

Density: at 20°C: 1,03 g/cm³ **Viscosity:** unknown

Solubility in /miscibility with water: at 20°C: miscible

pH-value: at 20°C 2 - 7,5

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10. Stability and reactivity

Conditions to avoid:

avoid contact with strong oxidizers

Hazardous decomposition products:

none known

11. Declarations to toxicology

Ingestion:

LD₅₀: > 10.000 mg/kg rat (calculated)

Skin and eye contact:

may cause irritation

12. Remarks on ecology

no data available

13. Disposal

extensive amounts according local regulations
small dried residues domestic waste

14. Regulations for transport

no dangerous good

UN-No.: n.a.

Packing group: n.a.

Proper Shipping Name: n.a.

ADR/RID : n.a.

class: n.a.

Packing group: n.a.

IMDG: n.a.

class: n.a. EmS: n.a.

MFA: n.a.

Marine Pollutant: no

ICAO-TI und IATA-DGR: n.a.

class: n.a.

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15. Regulations

no warnings according to directive 88/379/EEC

16. Further Information:

The specifications are supplied to the best of knowledge.
No claims may be derived from this data sheet.
