

IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

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SAFETY DATA SHEET

PRODUCT: ### Pelikan ink for: HP 850/600 & Lexmark 7000 (3002)

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	EC No.	Weight %	Symbols	R-Phrases
2-pyrrolidone	616-45-5	210-483-1	5-10	Xn	22,36/37/38
propan-2-ol	67-63-0	200-661-7	< 5	F,Xi	11,36,67

3 HAZARDS IDENTIFICATION

- No hazard expected under normal conditions of use
- See Section 16.1 for ingredient R-Phrases

4 FIRST-AID MEASURES**CONTACT WITH SKIN**

- Wash affected area with plenty of soap and water
- Seek medical attention if irritation persists

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water
- Seek medical attention if irritation persists

INGESTION

- Give water or milk to drink
- Seek immediate medical attention

INHALATION

- Remove patient to fresh air
- Keep warm and at rest

OTHER INFORMATION

- See Section 11 - Toxicological Information

5 FIRE-FIGHTING MEASURES

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Toxic and irritant fumes may be formed

6 ACCIDENTAL RELEASE MEASURES

- Shut off all ignition sources
- Absorb spillage in suitable inert material
- Ventilate the area and wash spill site after material pick-up is complete
- See Section 13

7 HANDLING AND STORAGE**7.1 HANDLING**

- The usual precautions for handling chemicals should be observed

7.2 STORAGE

- Keep in a cool, dry, well ventilated place

8 EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 GENERAL**

- Use good personal hygiene practices

8.2 EXPOSURE LIMITS

- | | |
|-----------------|--|
| • 2-pyrrolidone | Constituent Exposure Limit:
No exposure limits have been set for this substance |
| • propan-2-ol | OES / LTEL 400 ppm 999 mg/m ³
OES / STEL 500 ppm 1250 mg/m ³
(Germany) MAK 200 ppm 500 mg/m ³ |

9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, black, aqueous solution
- Perceptible odour
- Non-combustible
- Boiling point ca 100 deg C
- Flash point NA deg C (CC)
- pH 7.9
- Density 1.06 g/cm³ at 25 deg C
- Vapour pressure 23 mbar
- Viscosity 2.63 centipoise at 25 deg C

10 STABILITY AND REACTIVITY

- Keep away from heat
- Keep away from strong oxidizing substances
- Decomposition products may include nitrogen and carbon oxides

11 TOXICOLOGICAL INFORMATION

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Can be absorbed through skin
- May cause gastrointestinal disturbances

12 ECOLOGICAL INFORMATION

- Water Hazard Class 1 (Company)

13 DISPOSAL CONSIDERATIONS

- Disposal should be in accordance with local, state or national legislation
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14 TRANSPORT INFORMATION**14.1 REGULATIONS**

- Proper Shipping Name: NA

14.2 GENERAL

- Not classified as hazardous for transport
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15 REGULATORY INFORMATION

- Not hazardous according to current Dangerous Preparations Directive (1999/45/EC)
- Not hazardous according to current CHIP Regulations
- Not hazardous according to current Gefährliche Stoffe Verordnung
- Not classified as hazardous for users
- The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

15.1 RISK PHRASES

- None assigned

15.2 SAFETY PHRASES

- None assigned
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16 OTHER INFORMATION**16.1**

- R11: Highly Flammable
- R22: Harmful if swallowed
- R36/37/38: Irritating to eyes, respiratory system and skin
- R67: Vapours may cause drowsiness and dizziness

16.2

- The precise composition of this product is proprietary information. More details will be supplied in confidence to qualified medical personnel if specific treatment is necessary.
 - This product conforms to all known European chemicals safety legislation.
 - Water Hazard Class: 1 = slight, 2 = medium, 3 = severe hazard.
 - NA = not applicable; NC = not classified; ND = no data; TWA = time-weighted average.
 - LTEL = 8hr TWA; STEL = 15min TWA; ppm = parts per million.
 - ### = changes to section since last revision.
 - The above information relates only to the safety of the product designated, based on our current state of knowledge. No responsibility is accepted for any errors or omissions.
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