

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

DISTRIBUTOR: Pelikan Hardcopy European Logistics & Services GmbH  
Neue Strasse 19  
D-52382 Niedzier 2 Germany  
Telephone: +49 (0) 2428 830

ADMIN/TECH CENTRE: Pelikan Hardcopy (International) AG  
Gewerbstrasse 9  
CH-8132 Egg/ZH Switzerland  
Telephone: +41 (0) 1 986 1111



Emergency Telephone: +41 (0) 1 986 1111

**SAFETY DATA SHEET**

PRODUCT: Pelikan ink aqueous for: LCP,Printos Marsh

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS No.	EC No.	Weight %	Symbols	R-Phrases
2-butoxyethanol	111-76-2	203-905-0	5-10	Xn	20/21/22, 36/38
2-(2-butoxyethoxy)ethanol	112-34-5	203-961-6	< 5	Xi	36

**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 AND PERSONAL PROTECTION****8.1 GENERAL**

#

- Wear nitrile gloves
- Use good personal hygiene practices

**8.2 EXPOSURE LIMITS**

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• 2-butoxyethanol</li><br/><li>• 2-(2-butoxyethoxy)ethanol</li></ul> | Constituent Exposure Limit:<br>OES / LTEL 25 ppm --- mg/m3<br>OES / STEL 50 ppm --- mg/m3<br>(Germany) MAK 20 ppm 98 mg/m3<br>Can be absorbed through the skin<br>OES / LTEL --- ppm --- mg/m3<br>OES / STEL --- ppm --- mg/m3<br>(Germany) MAK --- ppm 100 mg/m3 |
|--|---|

---

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Liquid, orange, aqueous solution
- Perceptible odour
- Non-combustible
- Boiling point ND deg C
- Flash point NA deg C (CC)
- pH ca 8.3
- Density 1.01g/cm3 at 25 deg C
- Vapour pressure ca 23 mbar

---

**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
- 

**14 TRANSPORT INFORMATION****14.1 REGULATIONS**

- Proper Shipping Name: NA
- 

**14.2 GENERAL**

- Not classified as hazardous for transport
- 

**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
- 

**16 OTHER INFORMATION****16.1 INGREDIENT R-PHRASES**

- R20/21/22: Harmful by inhalation, in contact with skin and if swallowed
  - R36: Irritating to eyes
  - R36/38: Irritating to eyes and skin
- 

- 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.
-