

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY / UNDERTAKING

DISTRIBUTOR: Pelikan Hardcopy European Logistics & Services GmbH
Neue Strasse 19
D-52382 Niederrhein 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 inks for: Sharp JX730/Tektronix Colorquick (0971;0982;0990;1000)

2 COMPOSITION / INFORMATION ON INGREDIENTS

	Ingredients	CAS No.	EC No.	Weight %	Symbols	R-Phrases
###	Triethanolamine	102-71-6	203-049-4	< 5	Xi	36/37/38
###	2-phenoxyethanol	122-99-6	204-589-7	< 5	Xn	22,36
###	N-methyl-2-pyrrolidone	872-50-4	212-828-1	5-10	Xi	36/38

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

CONTACT WITH EYES

- If substance has got into eyes, immediately wash out with plenty of water

INGESTION

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

INHALATION

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

OTHER INFORMATION

- When in doubt or symptoms persist, seek medical attention

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

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- Wear nitrile gloves
 - Use good personal hygiene practices
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8.2 EXPOSURE LIMITS

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|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Triethanolamine • 2-phenoxyethanol | <p>Constituent Exposure Limit:</p> <p>No exposure limits have been set for this substance</p> <p>OES / LTEL --- ppm --- mg/m3</p> <p>OES / STEL --- ppm --- mg/m3</p> <p>(Germany) MAK 20 ppm 110 mg/m3</p> |
| <ul style="list-style-type: none"> • N-methyl-2-pyrrolidone | <p>OES / LTEL 25 ppm 103 mg/m3</p> <p>OES / STEL 75 ppm 309 mg/m3</p> <p>(Germany) MAK 19 ppm 80 mg/m3</p> <p>Can be absorbed through the skin</p> |
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9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, coloured, aqueous solution
 - Perceptible odour
 - Non-combustible
 - Boiling point ca 100 deg C
 - Flash point NA deg C (CC)
 - pH ca 8-11
 - Density ca 1.00 g/cm3 at 25 deg C
 - Vapour pressure ca 23 mbar
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10 STABILITY AND REACTIVITY

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

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
 - Mildly irritating to skin
 - Can be absorbed through skin
 - May cause gastrointestinal disturbances
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12 ECOLOGICAL INFORMATION

- Water Hazard Class 1 (Company)
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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

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- 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
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15.1 RISK PHRASES

- None assigned
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15.2 SAFETY PHRASES

- None assigned
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16 OTHER INFORMATION**16.1 INGREDIENT R-PHRASES**

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- R22: Harmful if swallowed
 - R36: Irritating to eyes
 - R36/38: Irritating to eyes and skin
 - R36/37/38: Irritating to eyes, respiratory system and skin
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- 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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