

IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY / UNDERTAKING

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SAFETY DATA SHEET

PRODUCT: Pelikan inks for: Sharp JX720/Xerox 4020 (0642;0657;0665)

2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	EC No.	Weight %	Symbols	R-Phrases
N-methyl-2-pyrrolidone	872-50-4	212-828-1	15-20	Xi	36/38

3 HAZARDS IDENTIFICATION

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- Irritating to eyes and skin
- Can be absorbed through skin
- 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

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

INGESTION

- Give water or milk to drink
- If swallowed, seek medical advice immediately and show this container or label (S46)

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
- May give off noxious and toxic fumes in a fire

6 ACCIDENTAL RELEASE MEASURES

- Shut off all ignition sources
- Do not allow to enter public sewers and watercourses
- Ventilate area
- Absorb spillage in suitable inert material
- See Section 13

7 HANDLING AND STORAGE**7.1 HANDLING**

- Avoid contact with skin & eyes
- The usual precautions for handling chemicals should be observed

7.2 STORAGE

- Keep in a cool, dry, well ventilated place
- Keep out of reach of children (S2)

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

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- Wear nitrile gloves
- Use good personal hygiene practices

8.2 EXPOSURE LIMITS

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- N-methyl-2-pyrrolidone

Constituent Exposure Limit:

OES / LTEL 25 ppm 103 mg/m³OES / STEL 75 ppm 309 mg/m³(Germany) MAK 19 ppm 80 mg/m³

Can be absorbed through the skin

9 PHYSICAL AND CHEMICAL PROPERTIES

- Liquid, coloured, miscible with water
- Perceptible odour
- Boiling point ca 100 deg C
- Flash point NA deg C (CC)
- pH 9.5-9.9
- Density 1.02-1.024 g/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
- Irritating to eyes and skin (R36/38)
- Can be absorbed through skin
- May cause gastrointestinal disturbances

12 ECOLOGICAL INFORMATION

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- Water Hazard Class 2 (Company)

13 DISPOSAL CONSIDERATIONS

- This material and/or its container must be disposed of as hazardous waste
 - 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
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14.2 GENERAL

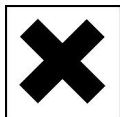
- Not classified as hazardous for transport
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15 REGULATORY INFORMATION

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- This product is covered by Dangerous Preparations Directive (1999/45/EC) as amended
 - Refer to current CHIP Regulations
 - Refer to current Gefährliche Stoffe Verordnung
 - This Safety Data Sheet is provided in compliance with the Safety Data Sheets Directive (91/155/EC) as amended
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SYMBOL(S)



IRRITANT

15.1 RISK PHRASES

- Irritating to eyes and skin (R36/38)
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15.2 SAFETY PHRASES

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- Keep out of reach of children (S2)
 - Avoid contact with skin and eyes (S24/25)
 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
 - If swallowed, seek medical advice immediately and show this container or label (S46)
 - Dispose of this material and its container at hazardous or special waste collection point (S56)
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16 OTHER INFORMATION**16.1 INGREDIENT R-PHRASES**

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- R36/38: Irritating to eyes 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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