

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

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SAFETY DATA SHEET

PRODUCT: ### Pelikan inks for: Canon BJ30/70 BJC4000 BC-21 4-col (1902;2753;2763;2773)

2 COMPOSITION / INFORMATION ON INGREDIENTS

	Ingredients	CAS No.	EC No.	Weight %	Symbols	R-Phrases
###	diethylene glycol (cols)	111-46-6	203-872-2	10-15	Xn	22
###	2-(2-butoxyethoxy)ethanol (cols)	112-34-5	203-961-6	< 5	Xi	36
###	triethanolamine (cols)	102-71-6	203-049-8	< 5	Xi	36/37/38
###	ethanediol (blk)	107-21-1	203-473-3	< 5	Xn	22
###	propan-2-ol (blk)	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

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
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7 HANDLING AND STORAGE**7.1 HANDLING**

- The usual precautions for handling chemicals should be observed
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7.2 STORAGE

- Keep in a cool, dry, well ventilated place
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8 EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 GENERAL**

- Use good personal hygiene practices
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8.2 EXPOSURE LIMITS

###	• diethylene glycol (cols)	Constituent Exposure Limit: OES / LTEL 23 ppm 101 mg/m ³ OES / STEL --- ppm --- mg/m ³ (Germany) MAK 10 ppm 44 mg/m ³
###	• 2-(2-butoxyethoxy)ethanol (cols)	(Germany) MAK --- ppm 100 mg/m ³
###	• triethanolamine (cols)	No exposure limits have been set for this substance
###	• ethanediol (blk)	OES / LTEL --- ppm 60 mg/m ³ OES / STEL --- ppm 125 mg/m ³ (Germany) MAK 10 ppm 26 mg/m ³ (France) VLE --- ppm 125 mg/m ³
###	• propan-2-ol (blk)	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, coloured, aqueous solution
 - Perceptible odour
 - Non-combustible
 - Boiling point ca 100 deg C
 - Flash point > 57 (blk) deg C (CC)
 - pH 8.3-9.3
 - Density 1.04-1.06 g/cm³ at 25 deg C
 - Vapour pressure 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
 - 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
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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/EEC)
 - 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

- R11: Highly Flammable

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