

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

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**SAFETY DATA SHEET**

PRODUCT: Inkjet makeup solution, washable: Continuous Jet (0790)

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS No.	EC No.	Weight %	Symbols	R-Phrases
butanone	78-93-3	201-159-0	70-80	F,Xi	11,36,66,67
ethanol	64-17-5	200-578-6	25-30	F	11

**3 HAZARDS IDENTIFICATION**

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- Highly Flammable
- Irritating to eyes
- Repeated exposure may cause skin dryness or cracking
- Vapours may cause drowsiness and dizziness
- 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
- 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**

- In case of fire use water, carbon dioxide or dry agent (S43)
- Do not use water jets
- Toxic and irritant fumes may be formed

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**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
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**7 HANDLING AND STORAGE****7.1 HANDLING**

- Keep away from heat and sources of ignition
  - Avoid contact with eyes
  - The usual precautions for handling chemicals should be observed
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**7.2 STORAGE**

- Keep container in a well ventilated place (S9)
  - Keep away from sources of ignition - No Smoking (S16)
  - Keep in highly flammable materials store
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**8 EXPOSURE CONTROLS / 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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|------------|--|
| • butanone | Constituent Exposure Limit:<br>OES / LTEL 200 ppm 600 mg/m3<br>OES / STEL 300 ppm 899 mg/m3<br>(Germany) MAK 200 ppm 600 mg/m3<br>Can be absorbed through the skin |
| • ethanol  | OES / LTEL 1000 ppm 1900 mg/m3<br>OES / STEL --- ppm --- mg/m3<br>(Germany) MAK 500 ppm 960 mg/m3<br>(France) VME 1000 ppm 1900 mg/m3                              |
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**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Liquid, colourless, volatile, miscible with water
  - Unpleasant odour
  - Lower explosive limit ca 1.8 % (in air)
  - Upper explosive limit ca 11.5 % (in air)
  - Product increases fire risk
  - Combustible
  - Boiling point ND deg C
  - Flash point ca -4 deg C (CC)
  - pH 6.7 at 20 % concentration
  - Density 0.798 g/cm3 at 25 deg C
  - Vapour pressure ca 85.2 mbar
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**10 STABILITY AND REACTIVITY**

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

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
  - Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
  - Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
  - In extreme cases ocular damage caused
  - 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
  - This material and its container must be disposed of as hazardous waste (S60)
  - Disposal can be a hazardous operation, seek specialist advice
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**14 TRANSPORT INFORMATION****14.1 REGULATIONS**

- Proper Shipping Name: Printing Ink

## UN

UN No	:	1210	Hazard Class	:	3
Packing Group	:	II			

## Road / Rail (ADR / RID)

ADR UN No	:	1210	ADR Hazard Class	:	3
ADR Item No	:	5(b)	ADR/RID No	:	HZ33
Tremcard	:	ND			

## Sea (IMDG)

###	IMDG UN No	:	1210	IMDG Hazard Class	:	3
	IMDG Page No	:	3272-1	IMDG Pack. Group	:	II
	IMDG EmS	:	-	IMDG MFAG	:	-

## Air (ICAO / IATA)

ICAO UN No	:	1210	ICAO Hazard Class	:	3
ICAO Packing Group	:	II			

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**14.2 GENERAL**

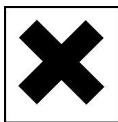
- Transport Regulations apply as indicated in previous section
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**15 REGULATORY INFORMATION**

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

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**SYMBOL(S)****HIGHLY  
FLAMMABLE****IRRITANT**

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**15.1 RISK PHRASES**

- Highly Flammable (R11)
- Irritating to eyes (R36)
- Repeated exposure may cause skin dryness or cracking (R66)
- Vapours may cause drowsiness and dizziness (R67)

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**15.2 SAFETY PHRASES**

- Keep container in a well ventilated place (S9)
- Keep away from sources of ignition - No Smoking (S16)
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- This material and its container must be disposed of as hazardous waste (S60)

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**16 OTHER INFORMATION****16.1****###**

- R11: Highly Flammable
- R36: Irritating to eyes
- R66: Repeated exposure may cause skin dryness or cracking
- 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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