

**1. Identification of the product and of the company**

**Identification of the product:**

Solvent based pigment Ink: Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta

**Company identification**

Name: Bordeaux Didital printink LTD

Address: 5 Hayarkon Street, Yavne 81227, P.O.B.13079, Israel

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**2. Hazards Identification**

- Class name of hazardous chemicals:
- Physical and chemical hazards:
- Adverse human health effects:
- Environmental effects:

combustible liquid

combustible, keep away from heat, sparks, flame

causes irritation. Avoid contact with eyes, skin and clothing

spill: absorb liquid with vermiculite or other absorbent material

**3. Composition/information of Ingredients**

Ink Composition	CAS No	EC No	% By weight	EU hazard and risk classification
Ethylene Glycol Monobutyl Ether Acetate	112-07-2	203-933-3	20-50%	Xn; R20/21/22 R36/38
N-Ethyl-2-Pyrrolidinone	2687-91-4	220-250-6	5-20%	Xn; R22, 41
Dihydro-2(3H)-Furanone	96-48-0	202-509-5	5-20%	Xn R22, R36
Dialkylene Glycol Dialkyl Ether	Trade secret	Trade secret	20-40%	None
Glycol Ester	Trade secret	Trade secret	0-12%	N
Pigment	Trade secret	Trade secret	0.5-5%	None
Dispersant	Trade secret	Trade secret	0.2-5%	None
Resin	Trade secret	Trade secret	1-5%	None

4. First-aid measures	
<ul style="list-style-type: none"> <li>• Eye contact:</li> <li>• Skin contact:</li> <li>• Inhalation:</li> <li>• Ingestion:</li> </ul>	<p>in case of eye contact, immediately flush with plenty of water for at least 15 min.</p> <p>in case of contact, flush skin with water</p> <p>if symptoms develop, immediately move individual away from exposure into fresh air.</p> <p>Seek medical attention. Keep person warm and quiet. If breathing is difficult, administer oxygen.</p> <p>In case of ingestion, do NOT induce vomiting, call a physician, contact poison control center</p>
5. Fire fighting measures	
<ul style="list-style-type: none"> <li>• Procedures: Fire fighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area, if it can be done without risk. Use water to keep fire-exposed containers cool.</li> <li>• Extinguishing media: Use water spray, alcohol resistant foam, dry chemical or carbon oxide</li> </ul>	
6. Accidental release measures	
<ul style="list-style-type: none"> <li>• In case of accidental spill: absorb spill with vermiculite or other absorbant material. Dispose in waste container.</li> </ul>	
7. Handling and storage	
<ul style="list-style-type: none"> <li>• Handling:</li> </ul>	<p>Avoid contact with skin, eyes, clothing. Do not ingest or inhale. After use, wash hands with soap and water. Should ink come in contact with clothing, remove clothing to avoid prolonged skin exposure.</p>
<ul style="list-style-type: none"> <li>• Storage:</li> </ul>	<p>Seal bottle when not in use. Store in a cool, dry place, away from direct sunlight. Avoid freezing. Avoid exposure to ambient temperatures in excess of 50 °C (122°F). Optimum prolonged storage temperature: 5°C (41°F) to 30°C (86°F)</p> <p><b>KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN</b></p>
8. Exposure Control / Personal Protection	
<ul style="list-style-type: none"> <li>• Engineering measures:</li> <li>• Personal protective equipment:</li> </ul>	<p>Eliminate all ignition sources (flames, electrical sparks,...)</p> <p>Protective mask, glasses, gloves and apron. Fire extinguisher in area.</p>
9. Physical & Chemical Properties	
<ul style="list-style-type: none"> <li>• Appearance:</li> <li>• Boiling Point:</li> <li>• Density:</li> <li>• Vapor pressure:</li> <li>• Solubility in water:</li> <li>• Odor:</li> <li>• Vapor density:</li> </ul>	<p>Blue(Cyan), Red(Magenta), Yellow(Yellow), Black(Black)</p> <p>Greater than 150°C (300°F)</p> <p>0.95-1.00 g/cm<sup>3</sup> (25°C)</p> <p>&lt;0.5 mmHg(20°C)</p>

	Insoluble  Moderate solvent odor  Heavier than air
<b>10. Stability &amp; reactivity</b>	
<ul style="list-style-type: none"> <li>Flash point: &gt;61°C (142°F)</li> <li>Oxidability: avoid contact with strong oxidizing agents</li> <li>Auto ignition temperature: NA</li> <li>Self reactivity/explosive: none</li> <li>Reactivity: none</li> </ul>	
<b>11. Toxicological Information</b>	
<ul style="list-style-type: none"> <li>Eye irritation: Exposure can cause severe eye irritation. Symptoms can include stinging, redness, swelling and eye damage.</li> <li>Acute oral:           <ul style="list-style-type: none"> <li>LD<sub>50</sub> for rats: N-Ethyl-2-Pyrrolidinone &gt;3200 mg/kg</li> <li>Ethylene Glycol Monobutyl Ether Acetate &gt; 2400 mg/kg</li> <li>Dihydro-2(3H)-Furanone 1540 mg/kg</li> </ul> </li> <li>Skin irritation:           <ul style="list-style-type: none"> <li>LD<sub>50</sub> for rabbits: N-Ethyl-2-Pyrrolidinone &gt;2000 mg/kg</li> <li>Ethylene Glycol Monobutyl Ether Acetate 1500 mg/kg</li> <li>LD<sub>50</sub> for guinea pig: Dihydro-2(3H)-Furanone &gt;5000 mg/kg</li> </ul> </li> <li>Inhalation:           <ul style="list-style-type: none"> <li>LC<sub>50</sub> for rats: N-Ethyl-2-Pyrrolidinone &gt;5.1 mg/Li/4 hr</li> <li>Ethylene Glycol Monobutyl Ether Acetate &gt; 450 ppm/6 hr</li> <li>Dihydro-2(3H)-Furanone &gt;5.1 mg/Li/4 hr</li> </ul> </li> <li>Carcinogenicity: None identified</li> <li>Reproductive toxicology: None identified</li> </ul>	
<b>12. Ecological Information</b>	
<ul style="list-style-type: none"> <li>No data available</li> </ul>	
<b>13. Disposal Information</b>	
<ul style="list-style-type: none"> <li>Waste disposal method: Dispose of in accordance with all applicable governmental regulations. Prevent from entering drains, sewers, streams or other bodies of water. Use empty ink bottle to store waste. Cap waste container tightly.</li> </ul>	
<b>14. Transport Information</b>	
<p>DOT Proper Shipping description: Not regulated for shipment.          Shipping description: Not classified as hazardous for transport.</p> <ul style="list-style-type: none"> <li>Observe side up markings.</li> <li>Avoid getting package wet.</li> <li>Handle with care if package seal is broken.</li> <li>Comply with relevant shipping regulations.</li> </ul>	
<b>15. Regulatory Information</b>	
<ul style="list-style-type: none"> <li>Xn</li> <li>R 20/21/22, R41</li> <li>S 24/25</li> </ul>	

To the best of our knowledge the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.