1. Identification of the substance/preparation and of the company/undertaking

Identification of the preparation: C6602G
Use of the preparation: Inkjet printing
Company identification: Hewlett-Packard SIA
Palasta iela 7
Riga
LV-1050

Hewlett-Packard health effects line
(Toll-free within the US): 1-800-457-4209
(Direct): 1-503-494-7199

General information telephone number
HP Customer Care Line
(Toll-free within the US): 1-800-474-6836
(Direct): 1-208-323-2551

Date prepared: 12-Jan-2006
SDS number: 115211

2. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Component/substance</th>
<th>CAS number</th>
<th>% by weight</th>
<th>EU number</th>
<th>EU classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 40</td>
<td>231-791-2</td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>&lt; 25</td>
<td>203-473-3</td>
<td>Xn, R22</td>
</tr>
<tr>
<td>2-pyrrolidone</td>
<td>616-45-5</td>
<td>&lt; 15</td>
<td>210-483-1</td>
<td>Xi, R36/38</td>
</tr>
<tr>
<td>Alkyldiol</td>
<td>Proprietary</td>
<td>&lt; 7.5</td>
<td>Proprietary</td>
<td></td>
</tr>
<tr>
<td>Substituted triphenylmethane salt #1</td>
<td>Proprietary</td>
<td>&lt; 2.5</td>
<td>Proprietary</td>
<td></td>
</tr>
</tbody>
</table>

Composition comments: This ink supply contains an aqueous ink formulation. This product has been evaluated using criteria specified in the EU Directives 67/548/EEC and 1999/45/EC, as amended. For the full text of the R phrases mentioned in this Section, see Section 16.

3. Hazards identification

Classification(s): This product is not classified according to EU Directive 1999/45/EC.
Emergency overview: Contact with skin and eyes may result in irritation.
Acute health effects: Any potential hazards are presumed to be due to exposure to the components.

Skin contact

2-pyrrolidone
Contact with skin may result in irritation.
Alkyldiol
Contact with skin may result in irritation.
Substituted triphenylmethane salt #1
Contact with skin may result in irritation.
SAFETY DATA SHEET

Eye contact

2-pyrrolidone
Contact with eyes may result in irritation.

Alkyldiol
Contact with eyes may result in irritation.

Substituted triphenylmethane salt #1
Contact with eyes may result in irritation.

Inhalation

2-pyrrolidone
Inhalation may result in respiratory irritation.

Alkyldiol
Inhalation may result in respiratory irritation.

Ingestion

2-pyrrolidone
Ingestion may result in nausea, vomiting and diarrhea.

Ethylene glycol
Harmful if swallowed. May cause kidney and liver damage. May depress the central nervous system.

Potential health effects

Routes of exposure
Potential routes of overexposure to this product are skin and eye contact.

Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions.

Complete toxicity data are not available for this specific formulation.

Chronic health effects
None known.

Carcinogenicity
None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.

Other information
This green ink is not classified according to EU Directive 1999/45/EC.

4. First aid measures

First aid procedures

Eye
Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

Skin
Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

Inhalation
Remove to fresh air. If symptoms persist, get medical attention.

Ingestion
If ingestion of a large amount does occur, seek medical attention.

5. Fire-fighting measures

Flash point and method
> 200 °F; Pensky-Martens Closed Cup

Hazardous combustion products
Refer to section 10.

Extinguishing media
Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media
None known.

Unusual fire and explosion hazard
None known.

Special firefighting procedures
None established.
**SAFETY DATA SHEET**

### 6. Accidental release measures

**Personal precautions**
Wear appropriate personal protective equipment.

**Environmental precautions**
Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**Procedures if material is released or spilled.**
Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

### 7. Handling and storage

**Handling**
Avoid contact with skin, eyes and clothing.

**Storage**
Keep out of the reach of children. Keep away from excessive heat or cold.

### 8. Exposure controls/personal protection

**Exposure limit values**
Exposure limits have not been established for this product.

**Personal protective equipment**

**General**
Use personal protective equipment to minimize exposure to skin and eye.

**Hygiene measures**
Handle in accordance with good industrial hygiene and safety practice.

**Exposure guidelines**
Use in a well ventilated area.

### 9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7 - 7.4</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1 - 1.2</td>
</tr>
<tr>
<td>VOC content</td>
<td>&lt; 3 %</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200 °F</td>
</tr>
<tr>
<td>Viscosity</td>
<td>&gt; 2 cp</td>
</tr>
<tr>
<td>Vapour density</td>
<td>&gt; 1 (Air = 1.0)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not determined</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not determined</td>
</tr>
<tr>
<td>Color</td>
<td>Green</td>
</tr>
</tbody>
</table>

### 10. Stability and reactivity

**Stability**
Stable under recommended storage conditions.

**Hazardous polymerisation**
Will not occur.

**Hazardous decomposition products**
Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Incompatibility**
Incompatible with strong bases and oxidising agents.

### 11. Toxicological information

This ink formulation has not been tested for toxicological effects. Refer to Section 3 for potential health effects and Section 4 for first aid measures.

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**Material name**: C6602G  
**Creation date**: 30-Apr-2003  
**Version number**: 2
12. Ecological information

Aquatic toxicity  
This product has not been tested for ecological effects.

13. Disposal considerations

Disposal instructions  
Dispose of in compliance with federal, state, and local regulations.

14. Transport information

General  
Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.

IATA

<table>
<thead>
<tr>
<th>Proper shipping name</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard class</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packaging exceptions</td>
<td>None</td>
</tr>
<tr>
<td>Identification number (UN)</td>
<td>None</td>
</tr>
<tr>
<td>Packing group</td>
<td>N/A</td>
</tr>
</tbody>
</table>

15. Regulatory information

International regulations  
All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

EU label  
This product does not require a label according to EU Directive 1999/45/EC.

16. Other information

Manufacturer information  
Hewlett-Packard Company  
1000 NE Circle Boulevard  
Corvallis, OR 97330-4239 US

Ingredient risk phrase definition(s)  
R22  Harmful if swallowed.  
R36/38  Irritating to eyes and skin.

Other information  
This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC.

Issue date  
Jan 12 2006  6:43PM

Revision  
2

Replaces sheet dated  
Nov 10 2005  9:35AM

Preparation and revision information  
3. Hazards identification: Routes of exposure

Disclaimer  
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.
**Explanation of abbreviations**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response Compensation and Liability Act</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<td>COC</td>
<td>Cleveland Open Cup</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>EPCRA</td>
<td>Emergency Planning and Community Right-to-Know Act (aka SARA)</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible exposure limit</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>REC</td>
<td>Recommended</td>
</tr>
<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
</tr>
<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
</tr>
</tbody>
</table>