

**Product Safety Information Sheet***General environmental and safety information for consumers***1. Product and Company Identification****1.1 Identification of the preparation**

C6625 series (cyan, magenta and yellow inks) – No. 17 color

**1.2 Company undertaking identification**

Hewlett-Packard Company  
1000 NE Circle Boulevard  
Corvallis OR 97330-4239  
USA

**1.3 Emergency telephone number**

Hewlett-Packard Health Effects Line  
1-800-457-4209 (USA and Canada) or  
Intl +1-503-494-7199 (all other areas)

**1.4 General information telephone number**

1-208-323-2551 (USA and Canada)  
Intl +1-208-323-2551 (all other areas)

<b>Hazard rating</b>	<b>NFPA/HMIS</b>
Health	1
Flammability	1
Instability/Reactivity	0
Special	none

**2. Composition/information on ingredients**

This ink cartridge contains aqueous ink formulations.

*For cyan (blue) ink formulation only:*

<b>Component</b>	<b>CAS No.</b>	<b>% by weight</b>	<b>Workplace Limits (PEL, TLV)</b>
trade secret colorants	not specified	<5	not established
1,5-pentanediol	111-29-5	<10	not established
trade secret organic materials	not specified	<20	not established
nitrites	not specified	<4	not established
water	7732-18-5	balance	not established



*For magenta (red) ink formulation only:*

Component	CAS No.	% by weight	Workplace Limits (PEL, TLV)
trade secret colorants	not specified	<5	not established
1,5-pentanediol	111-29-5	<10	not established
trade secret organic materials	not specified	<20	not established
nitrates	not specified	<4	not established
water	7732-18-5	balance	not established

*For yellow ink formulation only:*

Component	CAS No.	% by weight	Workplace Limits (PEL, TLV)
trade secret colorants	not specified	<5	not established
diethylene glycol	111-46-6	<5	not established
trade secret organic materials	not specified	<20	not established
nitrates	not specified	<4	not established
water	7732-18-5	balance	not established

### 3. Hazards Identification

#### 3.1 Primary Routes of Exposure

skin, eye, oral, and inhalation

#### 3.2 Acute Health Hazards

*Skin:* May cause slight skin irritation characterized by redness and swelling after prolonged contact. Indications may be masked by color of ink.

*Eye:* May be mildly irritating.

*Oral:* May cause stomach upset. Contains nitrates and diethylene glycol (yellow ink). Ingestion of certain glycols may cause CNS and metabolic abnormalities, respiratory effects and kidney effects. Nitrates may cause methemoglobinemia and result in respiratory depression. (For additional information, refer to Section 11.0).

*Inhalation:* Prolonged inhalation may result in irritation to the respiratory tract.

#### 3.3 Chronic Health Hazards

None noted



### 3.4 Carcinogenicity

No component is a listed carcinogen according to ACGIH, EPA, EU, MAK, IARC, NTP, or OSHA criteria.

## 4. First Aid Measures

### 4.1 Emergency First Aid Procedures

**Call the HEWLETT-PACKARD HEALTH EFFECTS LINE at 1-800-457-4209 (Intl + 1-503-494-7199 outside USA and Canada).**

#### First aid for skin

Wash affected areas thoroughly with soap and water. Clothing should be laundered before reuse. **Seek medical attention if skin irritation persists.**

#### First aid for eyes

Contact with eyes may cause mild irritation. Immediately flush with large amounts of clean, lukewarm water (low pressure) for at least 15 minutes. **Seek medical attention if eye irritation persists.**

#### First aid for ingestion

Ingestion of ink may cause stomach upset. Seek medical advice and then call the HEWLETT-PACKARD HEALTH EFFECTS LINE. **Seek medical attention if stomach upset persists. (Contains nitrates and diethylene glycol, refer to Sections 3.0 and 11.0).**

#### First aid for inhalation

Remove to fresh air.

## 5. Fire Fighting Measures

<b>Flash point:</b> >141 °F, >61 °C	<b>Autoignition temperature:</b> not determined
<b>Extinguishing media:</b> Water, dry chemical, carbon dioxide, foam	<b>Special fire fighting procedures:</b> none
<b>Unusual fire and explosion hazards:</b> no special hazards known	

## 6. Accidental release measures

### *Spill or Leak Procedures*

No special procedures are indicated. Use absorbent towels to wipe up ink. Rinse area with damp cloth to remove remaining traces of ink.



## 7. Handling and storage

No special handling or storage required.

### KEEP OUT OF THE REACH OF CHILDREN

<b>Storage temperature:</b> 59° – 95 °F; 15° – 35 °C	<b>Shelf life:</b> 18 months
<b>Handling and storage precautions:</b> do not use inkjet cartridge when frozen. Ensure inkjet cartridge exterior is dry before inserting into printer.	<b>Special sensitivity:</b> none

## 8. Exposure control / personal protection

No special eye or skin protection is needed for cleanup of spills. Standard eye and skin protection for laboratory chemical safety is required.

## 9. Physical and chemical properties

<b>Appearance:</b> cyan (blue), magenta (red), yellow liquids	<b>Physical state:</b> liquid at room temperature
<b>pH:</b> 6.0 - 8.6	<b>Solvent content:</b> <25%
<b>Solubility in water:</b> soluble	<b>Vapor density:</b> >1 (air = 1.0)
<b>Odor:</b> not applicable	<b>Vapor pressure:</b> not applicable

## 10. Stability and reactivity

<b>Stability:</b> stable under normal storage conditions	<b>Thermal decomposition products:</b> Oxides of carbon/nitrogen, water
<b>Incompatibilities:</b> strong oxidizers	<b>Hazardous polymerization:</b> none

## 11. Toxicological information

Refer to sections 3. Hazards Identification and 4. First Aid Measures

The magenta (red) and yellow ink formulations in this product have been tested.

*For the magenta (red) ink formulation:*

Eye irritation (rabbit): mild irritant.

Skin sensitization (guinea pig maximisation) test: negative.

*For the yellow ink formulation:*

Acute oral toxicity - LD50 (rat) is >2500 mg/kg.

This ink formulation contains diethylene glycol and nitrates.

- Scientific literature indicates that ingestion of some glycols can present health hazards including CNS and metabolic abnormalities, respiratory effects and kidney disorder.



- Nitrates and their derivatives can cause methemoglobinemia and result in respiratory depression. Primary indicators of prolonged overexposure include shortness of breath, headaches, dizziness and cyanosis (bluish skin and lips).

**12. Ecological information**

No data available

**13. Disposal considerations**

Dispose in accordance with all applicable federal, state and local laws

**14. Transport information**

Not a regulated article under DOT or IATA or ADR or RID.

**15. Regulatory information**

According to EU Directive 88/379/EEC, this product is not classified as dangerous and therefore no hazard label is required. For other countries, including the USA, no product label would be required.

Contains no chemical required by the State of California for listing under Proposition 65.

Contains no chemical which is subject to EPA TSCA 12(b).

All components are listed on the TSCA Inventory.

**16. Other Information**

Date prepared: July 25 2000.

Supersedes: January 5 2000

Sections revised: 3.0, 4.0 and 11.0.

*DISCLAIMER:* This Product Safety Information Sheet is offered without charge to the customers of Hewlett-Packard. Data is the most current known to Hewlett-Packard at the time of preparation 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.