



## Product Safety Information Sheet

General environmental and safety information for consumers

### 1. Product and Company Identification

#### 1.1 Product identification

C8842A black Ink

#### 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)

Hazard rating	NFPA/HMIS
Health	1
Flammability	2
Instability/Reactivity	0
Special	none

### 2. Composition/Information on Ingredients

Component	CAS No.	% by weight	Workplace limits (PEL, TLV)
2-Pyrrolidone	616 -45 -5	< 8%	Not established
trade secret material	not specified	< 14%	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.

*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.

*For additional toxicological information, refer to Section 11.*

### 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. Call the HEWLETT-PACKARD HEALTH EFFECTS LINE. **Seek medical attention if stomach upset persists.**

#### **First aid for inhalation**

Remove to fresh air.

### 5. Fire Fighting Measures



<b>Flash point:</b> >212 °F; >100 °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> Potential to produce a floating fire hazard	

## 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

### KEEP OUT OF THE REACH OF CHILDREN

<b>Storage temperature:</b> 59° – 95 °F; 15° – 35 °C	<b>Shelf life:</b> 12–18 months
<b>Handling and storage precautions:</b> do not use inkjet cartridge when frozen. Ensure inkjet cartridge exterior is dry before inserting into printer. Keep away from extreme heat.	<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. Use in a well ventilated area.

## 9. Physical and Chemical Characteristics

<b>Appearance:</b> Black liquid	<b>Physical state:</b> liquid at room temperature
<b>Boiling point:</b> not determined	<b>Specific gravity:</b> 1.0-1.1 g /mL
<b>pH:</b> 8.5-9.5	<b>VOC:</b> not determined
<b>Solubility in water:</b> soluble	<b>Vapor density:</b> >1 (air=1.0)
<b>Odor:</b> not applicable	<b>Vapor pressure:</b> not determined



10. Reactivity

<b>Stability:</b> stable under normal storage conditions	<b>Thermal decomposition products:</b> Oxides of carbon, sulfur, and nitrogen; aldehydes, ketones, ammonia, organic acids, water
<b>Incompatibilities:</b> strong oxidizers, reactive metals, sodium or calcium hypochlorite, dehydrating agents, hydroxyl compounds, acids, reducing agents.	<b>Hazardous polymerization:</b> none

11. Toxicological Information

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

12. Ecological Information

Contains a substance at <1% that is toxic to fish and very toxic to algae.

13. Disposal Considerations

Dispose in accordance with all applicable federal, state and local laws. Contains surfactant (<1%) that can cause foaming problems in biological wastewater treatment plants. In typical activated sludge treatment systems, inlet concentrations below 5 mg/L have been treated without foaming problems.

14. Transportation 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.

For EU: all components are on the EINECS or ELINCS inventories

For USA: All components are listed on the TSCA inventory.

EPA TSCA 12(b): Contains two substances; sodium nitrite (CAS No. 7632-00-0) and tetrahydrofuran (CAS No. 109-99-9)

SARA 313: sodium nitrite CAS 7632-00-0



**16. Other Information**

Date Prepared: March 30, 2001

*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.