

Material Safety Data Sheet

1. Product and Company Identification

1.1 *Product identification*
C6170A

1.2 *Company 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

This ink cartridge contains aqueous ink formulations.

Component	CAS No.	% by weight	Workplace limits (PEL, TLV)
Trimethylolpropane	77-99-6	<20	Not established
Dipropylene glycol	25265-71-8	<5	Not established
Trade secret colorants	Not specified	<5	Not established
Trade secret materials	Not specified	<10	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: Ink may cause slight skin irritation characterized by redness and swelling after prolonged contact. Indications may be masked by color of ink.

Eye: Ink may be mildly irritating.

Oral: May cause stomach upset.

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

3.3 *Chronic Health Hazards*

None noted

3.4 *Carcinogenicity*

This ink formulation does not contain any substances identified as carcinogens by ACGIH, EPA, EU, MAK, IARC, NTP, or OSHA at a concentration of 0.1 percent or higher.

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.**

First aid for inhalation

Remove to fresh air.

5. Fire Fighting Measures

Flash point: >200 degrees F; > 90 degrees C	Autoignition temperature: Not determined
Extinguishing media: water, dry chemical, carbon dioxide, foam	Special fire fighting procedures: See note below
Unusual fire and explosion hazards: See note below	

NOTE TO FIREFIGHTERS: This product contains Trimethylolpropane (TMP) and should not be combined with phosphorus or phosphorus-containing materials because highly toxic fumes can be emitted in a fire situation.

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

Storage temperature: 59° – 95 °F; 15° – 35 °C	Shelf life: 1 year (or 18 months)
Handling and storage precautions: do not use inkjet cartridge when frozen. Ensure inkjet cartridge exterior is dry before inserting into printer.	Special sensitivity: 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 Characteristics

Appearance: blue liquid	Physical state: liquid at room temperature
Boiling point: ND	Specific gravity: ND
pH: 7	Solvent content: <25%
Solubility in water: soluble	Vapor density: ND
Odor: ND	Vapor pressure: ND

ND = Not determined

10. Reactivity

Stability: Stable under normal storage conditions	Thermal decomposition products: oxides of carbon/nitrogen/sulfur; water
Incompatibilities: strong oxidizers; phosphorus and phosphorus-containing materials	Hazardous polymerization: none

11. Toxicological Information

Refer to sections 3. Potential Health Effects and 4. First Aid Measures

12. Ecological Information

No data available.

13. Disposal Considerations

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

14. Transportation Information

Not a regulated substance under DOT or IATA

15. Regulatory Information

Proposition 65: Formaldehyde, 0.02%
Toluene, 0.0005%

EPA TSCA inventory: All ingredients listed.

EPA TSCA 12(b): Contains no listed chemicals

16. Other Information

Date prepared: January 11, 2000

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