



Material Safety Data Sheet

1.0 Product and Company Identification

Identification of the preparation: **51625A - No 25 Color**
Use of the preparation: Inkjet printing
Company Identification: Hewlett-Packard Company
 1000 NE Circle Boulevard
 Corvallis, Oregon 97330-4239
 United States
Emergency telephone number 1-800-457-4209 (USA and Canada)
Hewlett-Packard Health Effects Line: 503-494-7199 (USA direct)
 Singapore: +001-800-332-13321
General information telephone number: 208-323-2551 (USA direct)
Local Contact Information: **Ireland**
 Liffey Park Technology Campus
 Barnhall Road,
 Leixlip, Co. Kildare
 Phone: 01 6150000
United Kingdom
 Hewlett-Packard, Ltd.
 Cain Road, Amen Corner
 Bracknell, Berkshire, RG12 1HN
 Phone: 1344 36-0000

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

2.0 Composition/Information on Hazardous Ingredients

This ink supply contains an aqueous ink formulation

Cyan (blue) formulation

Component/Substance	CAS Number	EU Number	% by Weight	EU Classification
1,5-Pentenediol	111-29-5	203-854-4	< 10	not classified
Ethoxylated acetylenic diol	confidential	confidential	<4	Xi; R36
Substituted triphenylmethane salt	confidential	confidential	<4	not classified



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Water	7732-18-5	231-791-2	> 50	not classified
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Magenta (red) formulation

Component/Substance	CAS Number	EU Number	% by Weight	EU Classification
1,5-pentanediol	111-29-5	203-854-4	<10	not classified
Ethoxylated acetylenic diol	confidential	confidential	<4	Xi; R36
Substituted xanthylum salt	confidential	confidential	<3	not classified
Water	7732-18-5	231-791-2	> 50	not classified

Yellow formulation

Component/Substance	CAS Number	EU Number	% by Weight	Risk Phrases
1,5-Pentanediol	111-29-5	203-854-4	<10	not classified
Ethoxylated acetylenic diol	confidential	confidential	<4	Xi; R36
Water	7732-18-5	231-791-2	> 50	not classified

3.0 Hazard Identification

The cyan, magenta and yellow inks are not classified according to EU Directive 1999/45/EC.

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.



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Acute Health Hazards: Any potential hazards are presumed to be due to exposure to the components.

1,5-Pentanediol: Contact with eyes and skin may cause irritation. Harmful if swallowed.

Ethoxylated acetylenic diol: Contact with eyes may result in severe irritation. Contact with skin and inhalation of mists may cause irritation.

For cyan only:

Substituted triphenylmethane salt: Contact with skin and eyes may result in irritation.

For magenta only:

Substituted xanthylum salt: Contact with eyes may result in mild irritation

Chronic Health Hazards: Ethoxylated acetylenic diol: Prolonged exposures may result in liver damage and additional eye effects.

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.

4.0 First Aid Measures

Emergency telephone number 1-800-457-4209 (USA and Canada)
Hewlett-Packard Health Effects 503-494-7199 (USA direct)
Line: Singapore: +001-800-332-13321

Inhalation: Remove to fresh air. If symptoms persist, consult a physician.

Ingestion: If stomach upset persists, consult a physician.

Skin: Wash affected areas thoroughly with soap and water. If irritation persists, consult a physician.

Eyes: Do not rub eyes. Immediately flush with large amounts of clean, lukewarm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists, consult a physician.

5.0 Fire Fighting Measures

Extinguishing media: Water, dry chemical, carbon dioxide, foam

Unsuitable Extinguishing Media: None known

Special Firefighting Procedures: None known



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Unusual fire and explosion hazards: No special hazards known
Auto-ignition temperature: Not determined
Flashpoint (method): > 200° F, > 93.3° C (US EPA Method 1020)
Hazardous Combustion Products: Refer to section 10

6.0 Accidental release measures

Spill or Leak Procedures: Standard eye and skin protection is recommended.
Environmental precautions: Do not discharge into drains (See also Section 13, Disposal considerations)

7.0 Handling and Storage

Storage Temperature: 59°F to 95°F; 15°C to 35°C
Handling and Storage precautions: Keep out of the reach of children. Keep away from extreme heat or cold.
Shelf Life: 1 year
Special Sensitivity: None

8.0 Exposure control/ personal protection

Exposure Limit Values: None established.
Exposure Controls: Standard eye and skin protection for laboratory chemical safety is recommended. Use in well ventilated area.

9.0 Physical and chemical properties

pH: 6.0 – 8.0
Boiling point: Not Determined
Flash point: > 200° F, > 93.3° C
Flammability: US NFPA/HMIS Flammability rating = 1
Explosive properties: Not applicable
Oxidizing properties: Not applicable
Vapor Pressure: Not applicable
Relative density: Specific Gravity 1.0 to 1.2
Solubility: Soluble in water
Partition coefficient: Not determined
Viscosity: 5.0 cp
Vapor density: >1 (air = 1.0)
Evaporation rate: Not applicable



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Other: Not applicable

10.0 Stability and reactivity

Stability: Stable under normal storage conditions
Incompatibilities: Strong oxidizers and bases
Thermal decomposition products: Oxides of carbon/nitrogen/sulfur, water
Hazardous polymerization: None

11.0 Toxicological information

Refer to Section 3 for potential health effects and Section 4 for first aid measures
These ink formulations have not been tested.

12.0 Ecological information

Ink Formulation: LC50 < 400 mg/L Fathead Minnow
96 hour LC50

13.0 Disposal considerations

Dispose in accordance with all applicable US Federal, state, local, and country laws.

14.0 Transportation information

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

UN Number: Not applicable
Class: Not applicable
Proper Shipping Name: Not applicable
Packing Group: Not applicable
Marine Pollutant: Not listed
Special Precautions: None noted

15.0 Regulatory information

US EPA TSCA Inventory: All ingredients are listed or exempt.
US EPA TSCA 12(b): Does not contain listed chemicals.
EU Notification: All ingredients are listed on EINECS and/or ELINCS or exempt.
EU Hazard Label (1999/45/EC): This product does not require a label according to EU Directive 1999/45/EC.



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16.0 Other information

Date Prepared: August 5, 2002
HP-DMS Document Control Number: 09000de78022e646-eng

Revision Information: This document replaces all prior versions of the MSDS

EU Risk (R) Phrase definitions: R36: Irritating to eyes

Other Information: This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC and USA OSHA Hazard Communication Standard (29CFR1910.1200).

DISCLAIMER: This Material Safety Data Sheet (MSDS) is provided without charge to customers of Hewlett-Packard. Data is the most current known to Hewlett-Packard at the time of preparation of this MSDS 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.