

M5692C/A - Color PhotoGrade Ink Cartridge

Date of issue: 31 March 1997

Version:0001

N/A = not applicable N/Av = not available

Hewlett-Packard Company

1. Identification of the product and of the company

1.1 Identification of the product

Trade name **HP C1816A**Reference number **HPC1816A.en2**

1.2 Company identification

Hewlett-Packard Company

1000 NE Circle Boulevard

Corvallis, Oregon 97330-4239

USA

USA Telephone Contact Number: 208 323-2551

1.3 Emergency telephone number

Hewlett-Packard Company Health Effects Line

Telephone: Int+1 503 494-7199 outside USA

Int+1 800 457-4209 in USA

2. Composition/Information on ingredients

This product is an inkjet print cartridge kit that contains a preparation.

This product contains 2-Pyrrolidone (CAS 616-45-5) at a concentration of less than 10%.

This product does not require a hazard warning label in the United States and the European

Union; for detailed information see sections 11. and 15.

3. Possible hazards

3.1 Hazards identification

May be harmful if swallowed or absorbed through the skin.

3.2 Critical hazards to humans

May cause discomfort when in contact with eyes or skin.

3.3 Critical hazards to the environment

No particular hazards known.

4. First aid measures

4.1 General information

Change clothing that is soaked with liquid immediately.

4.2 After inhalation

N/A

4.3 After contact with skin

After contact of liquid with skin wash off immediately with water.

In the event of symptoms seek medical advice.

4.4 After contact with eyes

After contact of liquid with eyes rinse thoroughly with plenty of water and seek medical advice.

4.5 After ingestion

After ingestion of liquid call physician immediately.

4.6 Information for the physician

Symptoms N/Av

- Hazards** Persistent contact with the skin or eyes may cause discomfort.
- Treatment** N/A
- 5. Fire-fighting measures**
- 5.1 Suitable extinguishing media**
Water spray jet, foam, carbon dioxide, dry powder.
- 5.2 Extinguishing media which must not be used for safety reasons**
Full water jet.
- 5.3 Special exposure hazards arising from the product itself, combustion products, resulting gases**
Carbon monoxide, carbon dioxide, sulphur oxides, nitrogen oxides.
Emits toxic fumes under fire conditions.
- 5.4 Special protective equipment for firefighters**
Use breathing apparatus.
- 5.5 Further information**
Use water spray to cool fire-exposed containers. Do not inhale combustion gases.
- 6. Accidental release measures**
- 6.1 Personal precautions**
(See also section 8., Personal protection)
Ensure adequate ventilation.
- 6.2 Environmental precautions**
(See also section 13., Disposal considerations)
Do not discharge into the sewer.
- 6.3 Methods for cleaning up / taking up**
Clean up spilled liquid with absorbent material. Avoid contact with skin.
Send in suitable containers for recovery or disposal.
- 6.4 Additional information** None.
- 7. Handling and storage (National measures see sections 15. and 16.)**
- 7.1 Handling**
Advice on safe handling
Handle with care. Avoid release of liquid from the cartridge.
Advice on protection against fire and explosion
No special measures necessary.
- 7.2 Storage**
Requirements for storage rooms and vessels
No special measures necessary.
Advice on storage compatibility
Liquid: do not store together with explosive substances.
Further information on storage conditions None.
Storage class (for Germany only) LGK 10.
- 8. Exposure controls / personal protection**
- 8.1 Additional advice on system design**
None.
- 8.2 Personal protective equipment (for liquid ink)**
Respiratory protection: N/A
Hand protection: N/A
Eye protection: N/A
Body protection: N/A
General protective measures and hygiene measures:
Avoid contact of liquid with eyes and skin. Do not inhale vapors.
Change clothing soaked with liquid immediately.

9. Physical and chemical properties

9.1 Appearance (liquid ink)

Physical state: liquid Color: black, magenta or cyan Odor: N/Av

9.2 Data relevant to safety

pH (as supplied): 6.0 - 7.0 (of an aqueous solution): N/Av
Flash point (oC), c.c.: > 61
Solubility in water: miscible
Content of solvent: less than 40%

10. Stability and reactivity

10.1 Conditions to avoid / materials to avoid

If product is heated above decomposition temperature toxic vapors may be released.

10.2 Hazardous decomposition products

Nitrogen oxides, sulphur oxides, carbon monoxide, carbon dioxide.

10.3 Additional information

None.

11. Toxicological information

11.1 Toxicological examination

This product has not been tested. The information has been derived from a product of similar composition.

11.2 Practical Experience

Frequent persistent contact of liquid with skin or eyes may cause discomfort.

12. Ecological information

This product has not been tested.

Behavior in sewage plants

This product has not been tested.

13. Disposal considerations

13.1 Product / unused product

Recommendation: Consultation with the disposal agency and the relevant authorities.

13.2 Contaminated packaging

Recommendation: Consultation with the disposal agency and the relevant authorities.

Recommended cleansing agent: water

14. Transport information

14.1 Road transport ADR / RID / GGVS / GGVE

Not dangerous good according to the regulations above.

14.2 Marine transport IMDG-Code

Not dangerous good according to the regulation above.

14.3 Air transport ICAO / IATA-DGR

Not dangerous good according to the regulation above.

16. Regulatory information

Remarks: This article does not require a hazard warning label, but the normal safety precautions for handling of chemicals must be observed.

16.1 Labelling in accordance with EC Directives

Symbol(s) of danger: N/A

Indication(s) of danger: N/A

Hazardous component(s) to be indicated on label: N/A

R-phrases:	N/A
S-phrases:	N/A
15.2 National measures (for Germany only)	
Restriction of occupation:	N/A
Incident regulations:	N/A
Classification according to VbF:	N/A
TA-Luft:	N/A
Water hazard class (WGK):	1 (self-classification)
16. Other information	
16.1 Keeping (restrictions)	N/A (for Germany only)
Recommended use	Ink
Distribution to	Industry consumer, private consumer
16.2 Technical contact point	
USA / Hewlett Packard General Information, Telephone: Int+1 208 323-2551	
16.3 This information is based on our present state of knowledge.	
It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application.	