



MATERIAL SAFETY DATA SHEET

1. Chemical product and company identification

Product name CH196Series

Recommended use of the chemical and restrictions on use

Intended use Inkjet printing.

Company identification Hewlett-Packard Japan, Ltd.
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Poison Information Centre 0120-50-3024

2. Hazards identification

Classification R43

Physical hazards Not classified as a physical hazard.

Health hazards May cause sensitization by skin contact.

Environmental hazards Not classified as an environmental hazard.

Other hazards Potential routes of overexposure to this product are skin and eye contact

3. Composition/information on ingredients

Substance or mixture Mixture

| Components | CAS # | Percent |
|-------------------|-------------|---------|
| 1,2-Hexanediol | 6920-22-5 | <10 |
| Red Dye | Proprietary | <5 |
| Minor Ingredients | | <2 |
| Water | 7732-18-5 | Balance |

Synonym(s) ColorSpan 0900460-006

Composition comments This product is highly soluble in water.

4. First aid measures

If inhaled In case of accident by inhalation: remove casualty to fresh air and keep at rest. If symptoms persist, get medical attention.

If on skin In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water.
Wash clothing separately before reuse.

If in eyes In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops or persists.

If swallowed Rinse mouth out with water. Give several glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting.
If symptoms persist, get medical attention.

Most important symptoms and effects No data available

5. Fire-fighting measures

Flash point Not flammable

Extinguishing media Use any media suitable for the surrounding fires.

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| Extinguishing media to avoid | None. |
| Special fire fighting procedures | Wear suitable protective equipment. |
| Protection of fire-fighters | No data available. |

6. Accidental release measures

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| Personal precautions, protective equipment and emergency measures | Avoid contact with skin. Do not touch or walk through spilled material. Use personal protective equipment to minimize exposure to skin and eye. |
| Environmental precautions | Do not flush into surface water or sanitary sewer system. |
| Clean-up methods and materials and containment measures | Clean-up methods - small spillage |

7. Handling and storage

Handling

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|--------------------------------------|---|
| Technical measures | Not available. |
| Local and general ventilation | Not available. |
| Precautions | Not available. |
| Safe handling advice | Avoid contact with skin, eyes and clothing. |

Storage

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|------------------------------------|---|
| Technical measures | Keep out of the reach of children. Keep away from excessive heat or cold. |
| Suitable storage conditions | Not available. |
| Incompatible products | No data. |
| Safe packaging materials | Not available. |

8. Exposure controls/personal protection

Recommended monitoring procedures

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|---------------------------------|----------------|
| Additional exposure data | Not available. |
|---------------------------------|----------------|

Personal protective equipment

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|---------------------------------|--|
| Respiratory protection | No personal respiratory protective equipment required under normal conditions of use. Provide adequate ventilation. |
| Hand protection | Not available. |
| Eye protection | Wear safety glasses; chemical goggles (if splashing is possible). |
| Skin and body protection | Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. |

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing.
When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.
Launder contaminated clothing before reuse.

Personal protective equipment

| | |
|----------------|--|
| General | Eye wash fountain and emergency showers are recommended. |
|----------------|--|

9. Physical and chemical properties

Appearance

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|-------------------------------------|---------------------------|
| Physical state | Liquid. |
| Form | Aqueous solution. |
| Color | Magenta |
| Odor | mild solvent |
| Odor threshold | No information available. |
| pH | 7 - 8 |
| Melting point/Freezing point | Not available. |

| | |
|--|------------------------|
| Boiling point, initial boiling point, and boiling range | Not available. |
| Flash point | Not flammable |
| Auto-ignition temperature | Not available. |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Vapor pressure | Not available. |
| Specific gravity | Not available. |
| Solubility | Soluble |
| Partition coefficient (n-octanol/water) | Not available. |
| Decomposition temperature | Not available. |
| Other data | |
| Chemical family | Water/Glycol/Dye Blend |
| VOC (Weight %) | 85.5 g/L |

10. Stability and reactivity

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|---|---|
| Stability | Stable under normal storage conditions. |
| Possibility of hazardous reactions | Not available. |
| Conditions to avoid | Avoid high temperatures. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | None. |

11. Toxicological information

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|---|---|
| General information | Not available. |
| Information on likely routes of exposure | |
| Ingestion | Not available. |
| Inhalation | Not available. |
| Skin contact | Not available. |
| Eye contact | Not available. |
| Symptoms | Not available. |
| Acute toxicity | No data available. |
| Carcinogenicity | None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH. |
| Specific target organ toxicity - single exposure | No data available. |
| Specific target organ toxicity - repeated exposure | No data available |
| Other information | Complete toxicity data are not available for this specific formulation |

12. Ecological information

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|-------------------------|--|
| Ecotoxicity | The product is miscible in water and readily biodegradable in both water and soil. Accumulation is not expected. |
| Mobility in soil | No data available. |

13. Disposal considerations

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|-----------------------------------|--|
| Contaminated packaging | No special precautions. |
| Local disposal regulations | Dispose of in compliance with federal, state, and local regulations. Do not allow this material to drain into sewers/water supplies. |

14. Transport information

International regulations

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

15. Regulatory information

Industrial Safety and Health Act

Specified substances regulation

Class 1 designated chemical substances

Not regulated.

Class 2 designated chemical substances

Not regulated.

Class 3 designated chemical substances

Not regulated.

Organic solvent regulation

Class 1 organic solvents

Not regulated.

Class 2 organic solvents

Not regulated.

Class 3 organic solvents

Not regulated.

Notifiable substances

Not regulated.

Labeling substances

Not regulated.

Poisonous and Deleterious Substances Control Act

Specified poisonous substances

Not regulated.

Poisonous substances

Not regulated.

Deleterious substances

Not regulated.

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.

Class I specified chemical substances

Not regulated.

Class II specified chemical substances

Not regulated.

Monitoring chemical substances

Not regulated.

Priority Assessment Chemical Substances (PACs)

Not regulated.

Reporting Exempted Substances

Not regulated.

Law concerning Pollutant Release and Transfer Register

Specified class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 1 substances (substance name, ordinance number and content)

Not regulated.

Class 2 substances (substance name, ordinance number and content)

Not regulated.

Fire Service Act

Not regulated.

Ship Safety Law, Dangerous Goods Marine Transport and Storage Rule

Not regulated.

Air Law, Enforcement Rule

Not regulated.

Explosives Control Act

Not regulated.

High Pressure Gas Safety Act

Not regulated.

Act on Prevention of Marine Pollution and Maritime Disaster

WATER

Category: Other Substances

Waste Management and Public Cleansing Act

Not regulated.

16. Other information

This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this document 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. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

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| Manufacturer information | Hewlett-Packard Company 3000 Hanover Street Palo Alto, California 94304-1112 US Product Information 1-800-925-0563 |

Explanation of abbreviations

| | |
|---------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstracts Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CFR | Code of Federal Regulations |
| COC | Cleveland Open Cup |
| DOT | Department of Transportation |
| EPCRA | Emergency Planning and Community Right-to-Know Act (aka SARA) |
| IARC | International Agency for Research on Cancer |
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation and Recovery Act |
| REC | Recommended |
| REL | Recommended Exposure Limit |
| SARA | Superfund Amendments and Reauthorization Act of 1986 |
| STEL | Short-Term Exposure Limit |
| TCLP | Toxicity Characteristics Leaching Procedure |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| VOC | Volatile Organic Compounds |