



# MATERIAL SAFETY DATA SHEET

## 1. Chemical product and company identification

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**A. Product name** C5099Series

**B. Recommended use and Limitations on use**  
**Recommended use** Inkjet printing

**C. Supplier information**  
HP Korea House  
23-6 Yoido-dong  
Youngdeungpo-gu  
Seoul 150-742, Korea

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**HP Inc. health effects line**  
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**(Direct)** 1-760-710-0048

**HP Inc. Customer Care Line**  
**(Toll-free within the US)** 1-800-474-6836  
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## 2. Hazards identification

**A. Hazard category/Classification**  
**Physical hazards** Not classified.  
**Health hazards** Not classified.  
**Environmental hazards** Not classified.

**B. Warning label items including precautionary statement**  
• **Pictogram** None.  
• **Signal word** None.  
• **Hazard statement** None.  
• **Precautionary statement** None.

**C. Other hazards not included in the hazard category criteria (e.g. dust explosion hazard)** None known.

**GHS Supplemental information** None.

## 3. Composition/information on ingredients

Chemical identity	Common and alternative names	CAS number	ID number	Content in percent (%)
Water		7732-18-5	KE-35400	90-100

**Composition comments** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

## 4. First aid measures

**A. In case of eye contact** Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.

**B. In case of skin contact** Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

**C. In case of inhalation** Move to fresh air. If symptoms persist, get medical attention.

**D. In case of swallowing** If symptoms occur, consult a physician.

**E. Note to physician** Not available.

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## 5. Fire-fighting measures

### A. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	CO <sub>2</sub> , water, dry chemical, or foam
Unsuitable extinguishing media	None known.

**B. Specific hazards arising from the chemical (example: hazardous combustion products)** Not available.

**C. Specific methods of fire-fighting** Not available.

**Specific methods** None established.

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## 6. Accidental release measures

**A. Personal precautions, protective equipment and emergency measures** Avoid contact with skin

**B. Environmental precautions** Do not let product enter drains. Do not flush into surface water or sanitary sewer system.

**C. Methods and materials for containment and cleaning up** Not available.

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## 7. Handling and storage

**A. Precautions for safe handling** Avoid contact with skin, eyes and clothing.

**B. Conditions for safe storage (including any incompatibilities)** Keep out of the reach of children. Keep away from excessive heat or cold.

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## 8. Exposure controls/personal protection

### A. Exposure limit values, biological limit values, etc

No exposure limits noted for ingredient(s).

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** Exposure limits have not been established for this product.

**B. Appropriate engineering controls** None established.

### C. Personal protective equipment

- **Respiratory protection** Not available.
- **Eye protection** Not available.
- **Hand protection** Not available.
- **Body protection** Not available.

**Hygiene measures** None established.

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## 9. Physical and chemical properties

### A. Appearance

Physical state	Liquid.
Form	Not available.
Color	Not available.

**B. Odor** Not available.

**C. Odor threshold** Not available.

**D. pH** Not determined

**E. Melting point/freezing point** Not available.

**F. Boiling point, initial boiling point, and boiling range** Not determined

**G. Flash point** > 230.0 °F (> 110.0 °C)

**H. Evaporation rate** Not determined

**I. Flammability (solid, gas)** Not available.

### J. Upper/lower limit on flammability or explosive limits

**Flammability limit - lower (%)** Not determined

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<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>K. Vapor pressure</b>	Not determined
<b>L. Solubility</b>	
<b>Solubility (water)</b>	Soluble in water
<b>M. Vapor density</b>	Not available.
<b>N. Specific gravity</b>	Not available.
<b>O. n-octanol/water partition coefficient</b>	Not available.
<b>P. Auto-ignition temperature</b>	Not determined
<b>Q. Decomposition temperature</b>	Not available.
<b>R. Viscosity</b>	Not available.
<b>S. Molecular weight</b>	Not available.
<b>Other data</b>	
<b>Oxidizing properties</b>	Not determined
<b>VOC</b>	< 2.8 g/l

## 10. Stability and reactivity

### A. Stability and hazardous reaction potential

<b>Stability</b>	Stable under recommended storage conditions.
<b>Hazardous reaction potential</b>	Will not occur.

**B. Conditions to avoid (e.g. static discharge, shock or vibration, etc)** Not available.

**C. Incompatible materials** Strong acids, alkalis and oxidizing agents.

**D. Hazardous decomposition products** Carbon dioxide, carbon monoxide, oxides of sulfur and nitrogen.

## 11. Toxicological information

### A. Information on likely routes of exposure

- **Respiratory organs** Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
- **Skin** Contact with skin may result in mild irritation.
- **Eyes** Contact with eyes may result in mild irritation.
- **Mouth** Health injuries are not known or expected under normal use.

### B. Information on health hazards

- **Acute toxicity (list all possible routes of exposure)** Based on available data, the classification criteria are not met.
- **Corrosivity or irritation to the skin** Based on available data, the classification criteria are not met.
- **Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.
- **Respiratory sensitization** Based on available data, the classification criteria are not met.
- **Skin sensitization** Based on available data, the classification criteria are not met.
- **Carcinogenic properties /Carcinogenicity** Based on available data, the classification criteria are not met.
- **Mutagenic properties /Mutagenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.
- **Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

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## 12. Ecological information

<b>A. Ecotoxicity</b>	No data available.
<b>Aquatic toxicity</b>	This product has not been tested for ecological effects.
<b>B. Persistence/degradability</b>	Not available.
<b>C. Bioaccumulative potential</b>	Not available.
<b>D. Mobility in soil</b>	Not available.
<b>E. Other adverse effects</b>	Not available.

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## 13. Disposal considerations

<b>A. Method of disposal</b>	Do not dispose of together with general office waste. Ensure collection and disposal with an appropriately licensed waste contractor. Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.
<b>B. Disposal considerations (including disposal of contaminated containers or packaging)</b>	Not available.

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## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### ADR

Not regulated as dangerous goods.

**Further information** Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

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## 15. Regulatory information

### A. Restrictions under the Industrial Safety and Health Law

#### Harmful Substances Prohibited from Manufacturing

Not regulated.

#### Harmful Substances Requiring Permission for Manufacture or Use

Not regulated.

#### Controlled Hazardous Substances

Not regulated.

#### Harmful Substances Requiring Special Medical Examination

Not regulated.

#### Workplace Environmental Monitoring Harmful Materials

Not regulated.

#### Occupational Exposure Limit

Not regulated.

### B. Restrictions under the Chemicals Control Law (Previously Toxic Chemicals Control Law)

#### Accidental Release Prevention Substances

Not regulated.

#### Observational Chemicals

Not regulated.

### C. Restrictions under the Dangerous Substance Safety Management Act

### D. Restrictions under the Wastes Control Act

#### Halogenated Materials in Waste Organic Solvents

Not regulated.

#### Hazardous Substances

Not regulated.

**E. Restrictions under other foreign or domestic laws**

**Clean Air Conservation Act**

**Air Pollutants**

Not regulated.

**Specific Air Pollutants**

Not regulated.

**Act on the Registration and Evaluation of Chemicals**

**Banned Toxic Chemicals**

Not regulated.

**Designated Existing Chemicals Subject to Registration (PEC) (MoE No. 2015-92)**

Not listed.

**Restricted Chemical Substances**

Not regulated.

**Toxic Chemicals**

Not regulated.

**Regulatory information**

All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

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**16. Other information**

**A. Source of information**

Not available.

**B. Issue date**

17-Jul-2015

**C. Number of revisions and date of most recent revision**

15-Aug-2019 (07 revision)

**D. Other**

Not available.

**Disclaimer**

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**Revision information**

Chemical product and company identification: Important information

## Explanation of abbreviations

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