1. Identification

Product identifier: CH621Series

Other means of identification

Synonyms: Maintenance Kit

Recommended use: Inkjet printing

Recommended restrictions: None known.

Company identification: HP

1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020

HP health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048

HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements

Hazard symbol: None.

Signal word: None.

Hazard statement: Not available.

Precautionary statement

Prevention: Not available.

Response: Not available.

Storage: Not available.

Disposal: Not available.

Hazard(s) not otherwise classified (HNOC)

Complete toxicity data are not available for this specific formulation.

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.

Supplemental information: This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene glycol</td>
<td>25322-68-3</td>
<td>80-90</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&lt;15</td>
<td></td>
</tr>
</tbody>
</table>

Composition comments: This ink supply contains an aqueous ink formulation.

This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).
4. First-aid measures

Inhalation  Move to fresh air. If symptoms persist, get medical attention.

Skin contact  Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

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.

Ingestion  If ingestion of a large amount does occur, seek medical attention.

Most important symptoms/effects, acute and delayed  Not available.

5. Fire-fighting measures

Suitable extinguishing media  Dry chemical, CO2, water spray or regular foam.

Unsuitable extinguishing media  None known.

Specific hazards arising from the chemical  Not applicable.

Special protective equipment and precautions for firefighters  Not available.

Specific methods  None established.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures  Wear appropriate personal protective equipment.

Methods and materials for containment and cleaning up  Dike the spilled material, where this is possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

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

7. Handling and storage

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

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

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>US. Workplace Environmental Exposure Level (WEEL) Guides Components</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene glycol (CAS 25322-68-3)</td>
<td>TWA 10 mg/m3</td>
<td>Particulate.</td>
</tr>
</tbody>
</table>

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

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

Appropriate engineering controls  Use in a well ventilated area.

Individual protection measures, such as personal protective equipment

Eye/face protection  Not available.

Skin protection

Hand protection  Not available.

Other  Not available.

Respiratory protection  Not available.

Thermal hazards  Not available.

General hygiene considerations  Handle in accordance with good industrial hygiene and safety practice.
9. Physical and chemical properties

Appearance

   Physical state          Liquid.
   Color                   Clear.

Odor                   Not available.

Odor threshold          Not available.

pH                     Not Applicable

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point             440.6 °F (227.0 °C) Pensky-Martens Closed Cup

Evaporation rate        Not determined

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits

   Flammability limit - lower (%) Not determined

   Flammability limit - upper (%) Not available.

   Explosive limit - lower (%) Not available.

   Explosive limit - upper (%) Not available.

Vapor pressure          Not available.

Solubility(ies)

   Solubility (water) Soluble in water

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity               Not available.

VOC (Weight %)           < 880 mg/l

10. Stability and reactivity

Reactivity              Not available.

Chemical stability      Stable under recommended storage conditions.

Possibility of hazardous reactions Will not occur.

Conditions to avoid     Not available.

Incompatible materials  Incompatible with strong bases and oxidizing agents.

Hazardous decomposition products

   Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics Not available.

Information on toxicological effects

   Acute toxicity Based on available data, the classification criteria are not met.

   Skin corrosion/irritation 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 or skin sensitization

   Respiratory sensitization Based on available data, the classification criteria are not met.
Skin sensitization
Based on available data, the classification criteria are not met.

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
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.

Further information
Complete toxicity data are not available for this specific formulation
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological information

Aquatic toxicity
No information available.

Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene glycol (CAS 25322-68-3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Atlantic salmon (Salmo salar)</td>
</tr>
</tbody>
</table>

Persistence and degradability
Not available.

Bioaccumulative potential
Not available.

Mobility in soil
Not available.

Other adverse effects
Not available.

13. Disposal considerations

Disposal instructions
Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit http://www.hp.com/recycle.

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.

15. Regulatory information

US federal regulations
US TSCA 12(b): Does not contain listed chemicals.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

SARA 304 Emergency release notification
Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.
<table>
<thead>
<tr>
<th>Material name: CH621Series</th>
<th>Version #: 01</th>
<th>Issue date: 23-Aug-2015</th>
</tr>
</thead>
</table>

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories
- Immediate Hazard - No
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance
Not listed.

#### SARA 311/312 Hazardous chemical
No

#### Other federal regulations
**Safe Drinking Water Act (SDWA)**
Not regulated.

### US state regulations

- **US. Massachusetts RTK - Substance List**
  Not regulated.

- **US. New Jersey Worker and Community Right-to-Know Act**
  Not listed.

- **US. Pennsylvania Worker and Community Right-to-Know Law**
  Not listed.

- **US. Rhode Island RTK**
  Not regulated.

- **US. California Proposition 65**
  Not Listed.

### Other information
- VOC content (less water, less exempt compounds) = < 1000 g/L (U.S. requirement, not for emissions) US EPA Method 24 VOC data based on formulation (Organic compounds minus solids)

### 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.

### 16. Other information, including date of preparation or last revision

#### Issue date
23-Aug-2015

#### Version #
01

#### Disclaimer
- This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.

#### Revision Information
- Other information, including date of preparation or last revision: Disclaimer

#### Manufacturer information
- HP
  - 1501 Page Mill Road
  - Palo Alto, CA 94304-1112 US
  - Direct 1-650-857-5020
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>CERCLA</td>
<td>Comprehensive Environmental Response Compensation and Liability Act</td>
</tr>
<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
</tr>
<tr>
<td>COC</td>
<td>Cleveland Open Cup</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transportation</td>
</tr>
<tr>
<td>EPCRA</td>
<td>Emergency Planning and Community Right-to-Know Act (aka SARA)</td>
</tr>
<tr>
<td>IARC</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
</tr>
<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
</tr>
<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
</tr>
<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
</tr>
<tr>
<td>REC</td>
<td>Recommended</td>
</tr>
<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
</tr>
<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
</tr>
</tbody>
</table>