1. Product and Company Identification

Material name: CH622Series
Version #: 05
Issue date: 12-Jul-2012
Revision date: 01-Oct-2013
Product use: Inkjet printing
CAS #: Mixture
Synonym(s): Maintenance Kit
Company identification: Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-5020
Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 760-710-0048
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(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Potential health effects:
- Eyes: Unlikely to cause irritation under normal use conditions.
- Skin: Unlikely to cause skin irritation.
- Inhalation: Not an applicable route of entry for intended use.
- Ingestion: Ingestion is not expected to be a primary route of exposure for this product under normal use conditions.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Non-hazardous components</th>
<th>CAS</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>&gt; 10</td>
</tr>
<tr>
<td>Polyethylene glycol</td>
<td>25322-68-3</td>
<td>&lt;90</td>
</tr>
</tbody>
</table>

Composition comments: This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

4. First Aid Measures

General advice: No information
First aid procedures:
- **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.
- **Skin contact**: Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
- **Inhalation**: Remove to fresh air. If symptoms persist, get medical attention.
- **Ingestion**: If ingestion of a large amount does occur, seek medical attention.

5. Fire Fighting Measures

Flammable properties: None known.
Extinguishing media
- Suitable extinguishing media: Dry chemical, foam, carbon dioxide.
- Unsuitable extinguishing media: None known.

Fire fighting equipment/instructions
- Not available.

Specific methods
- Do not direct a solid stream of water or foam into hot, burning pools; this may result in frothing and increase fire intensity.

Hazardous combustion products
- Refer to section 10.

6. Accidental Release Measures

Personal precautions
- Wear appropriate personal protective equipment.

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

Other information
- Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

7. Handling and Storage

Handling
- Avoid contact with skin, eyes and clothing.

Storage
- Keep out of the reach of children. Keep away from excessive heat or cold.

8. Exposure Controls / Personal Protection

Occupational exposure limits
- US. AIHA Workplace Environmental Exposure Level (WEEL) Guides
- Components: Polyethylene glycol (CAS 25322-68-3)
- TWA: 10 mg/m³ Particulate.

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

Engineering controls
- Use in a well ventilated area.

Personal protective equipment
- General: Use personal protective equipment to minimize exposure to skin and eye.
- General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance
- Clear liquid

Physical state
- Liquid.

Form
- Not available.

Color
- Clear.

Odor
- Not available.

pH
- Not Applicable

Vapor pressure
- Not available.

Boiling point
- Not available.

Melting point/Freezing point
- Not available.

Solubility (water)
- Soluble in water

Specific gravity
- Not available.

Flash point
- Not available.

VOC
- < 880 mg/l

Other information
- No information available

10. Chemical Stability & Reactivity Information

Chemical stability
- Stable under recommended storage conditions.
Conditions to avoid
No information available

Incompatible materials
Incompatible with strong bases and oxidizing agents.

Hazardous decomposition products
aldehydes

Possibility of hazardous reactions
Will not occur.

11. Toxicological Information

Carcinogenicity
No data available.

Serious eye damage/eye irritation
Mild irritant in rabbit

Further information
Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS).

12. Ecological Information

Aquatic toxicity
LC50/48h/daphnia =>10000 mg/L

Ecotoxicological data

Components Test Results Species
Polyethylene glycol (CAS 25322-68-3) Aquatic
Fish LC50 Atlantic salmon (Salmo salar) > 1000 mg/l, 96 hours

Ecotoxicity
No data available.

Persistence and degradability
Not available.

13. Disposal Considerations

Disposal instructions
Dispose of in compliance with federal, state, and local regulations.

14. Transport Information

DOT
Not regulated as dangerous goods.

IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

RID
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.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Not listed.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.

DEA Exempt Chemical Mixtures Code Number
Not regulated.

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

CERCLA (Superfund) reportable quantity
None
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
No

SARA 311/312 Hazardous chemical
No

Other information
VOC content (less water, less exempt compounds) = < 1000 g/L (U.S. requirement, not for emissions)

Other regulations
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.

State regulations
- US. Massachusetts RTK - Substance List
  Not regulated.
- US. Pennsylvania RTK - Hazardous Substances
  Not regulated.
- US. Rhode Island RTK
  Not regulated.

16. Other Information

HMIS® ratings
- Health: 1
- Flammability: 1
- Physical hazard: 0

NFPA ratings
- Health: 1
- Flammability: 1
- Instability: 0

Disclaimer
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.

Other information
This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Issue date
12-Jul-2012

Manufacturer information
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Palo Alto, California 94304-1112 US
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(Toll-free within the US) 1-800-457-4209
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
REL    Recommended
REC    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