1. Product and Company Identification

Identification of the preparation: CH140Series

Synonym(s): HP SC200 Printhead Flush Solution

Version #: 03

Revision date: 18-Mar-2013

Company identification: Hewlett-Packard Company

3000 Hanover Street

Palo Alto, CA 94304-1185

United States

Telephone 650-857-1501

Hewlett-Packard health effects line

(Toll-free within the US) 1-800-457-4209

(Direct) 1-503-494-7199

HP Customer Care Line

(Toll-free within the US) 1-800-474-6836

(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Emergency overview: Causes severe eye irritation. May cause irritation to the respiratory system. Inhalation may cause drowsiness or dizziness.

Acute health effects:

- **Skin contact**: Avoid contact with skin. May cause skin irritation.
- **Eye contact**: Severely irritating to eyes.
- **Inhalation**: Avoid breathing vapors or mists of this product. May cause irritation of respiratory tract. Inhalation may cause drowsiness or dizziness.
- **Ingestion**: Ingestion is not expected to be a primary route of exposure for this product under normal use conditions.

Potential health effects:

- **Routes of exposure**: Potential routes of exposure under normal use conditions are skin, eye contact and inhalation.

Specific hazards: May form explosive peroxides.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-ethoxyethoxy)ethyl Acetate</td>
<td>112-15-2</td>
<td>&lt; 100</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures:

- **Eye contact**: 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 immediately.

- **Skin contact**: In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse. If irritation persists get medical attention.

- **Inhalation**: Move person to fresh air immediately. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

- **Ingestion**: Rinse mouth out with water. Induce vomiting if person is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately.

General advice: No additional information
5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Dry chemical, CO2, sand, earth, water spray or regular foam.

Protection of firefighters

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk.
Avoid runoff into storm sewers and ditches which lead to waterways.
Cool containers with flooding quantities of water until well after fire is out.

Special protective equipment for fire-fighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products

Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

Personal precautions

Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material.
Ensure adequate ventilation.
Use personal protective equipment to minimize exposure to skin and eye. In the case of vapor formation use a respirator with an approved filter.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Small liquid spills: Flush area with flooding quantities of water.

7. Handling and Storage

Handling

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation.

Wear personal protective equipment.

Storage

Keep containers tightly closed in a cool, well-ventilated place. Store away from strong oxidizers.
Keep away from heat, sparks, and flame.
Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Personal protective equipment

Eye / face protection

Wear safety glasses; chemical goggles (if splashing is possible).
Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin protection

Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.

Respiratory protection

Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.

General hygiene considerations

Do not get this material in contact with skin. 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.

9. Physical & Chemical Properties

Appearance

Not available.

Color

Clear.

Odor

Characteristic.

Odor threshold

Not available.

Physical state

Liquid

Form

Liquid.

pH

Not available.

Melting point

Not available.

Freezing point

-13 °F (-25 °C)

Boiling point

422.6 °F (217 °C) (@ 760mmHg)

Flash point

235.4 °F (113 °C)

Evaporation rate

0.0063 BuAc
Flammability limits in air, upper, % by volume: Not available.
Flammability limits in air, lower, % by volume: Not available.
Vapor pressure: 0.133 mbar @ 20°C
Vapor density: Not available.
Specific gravity: 1.01 @ 20°C
Relative density: Not available.
Solubility (water): Not available.
Auto-ignition temperature: 680 °F (360 °C)
Decomposition temperature: Not available.
Viscosity: 10 cP
VOC: < 1000 g/L
Other information: For other VOC regulatory data/information see section 15.

10. Chemical Stability & Reactivity Information
Chemical stability: Stable at normal conditions.
Conditions to avoid: Heat, flames and sparks.

11. Toxicological Information
Serious eye damage/eye irritation: Not available.
Chronic toxicity: Repeated or prolonged exposure may cause irritation of eyes and skin.
Teratogenicity: None known.

12. Ecological Information
Environmental effects: Not available.
Persistence and degradability: Not available.

13. Disposal Considerations
Disposal instructions: Do not allow this material to drain into sewers/water supplies. 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.

15. Regulatory Information
US federal regulations: This product is listed on the U.S. EPA TSCA Inventory.
  DEA Exempt Chemical Mixtures Code Number: Not regulated.
  Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)): Not regulated.
  Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number: Not listed.

CERCLA (Superfund) reportable quantity: None.
Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical No

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

Section 302 extremely hazardous substance No
Section 311 hazardous chemical No

State regulations
US. Massachusetts RTK - Substance List
Not regulated.

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

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
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.

Other information
All ingredients are listed on EINECS and/or ELINCS or exempt. VOC content (less water, less exempt compounds) = < 1000 g/L (U.S. requirement, not for emissions)

16. Other Information
HMIS® ratings
Health: 1
Flammability: 1
Physical hazard: 0
Personal protection: B

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.

Issue date
18-Mar-2013

This data sheet contains changes from the previous version in section(s):
Product and Company Identification: Synonyms
Hazards Identification: Emergency overview
Hazards Identification: Eye contact
Hazards Identification: Skin contact
Hazards Identification: Inhalation
Hazards Identification: Ingestion
Hazards Identification: Specific hazards
9. Physical & Chemical Properties: Color
9. Physical & Chemical Properties: Other information
12. Ecological Information: Ecotoxicity
12. Ecological Information: Environmental effects
15. Regulatory Information: Regulatory information
15. Regulatory Information: Other information

Manufacturer information
Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
Product Information 1-800-925-0563
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</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>