1. Identification

**Product identifier**
Q4217A

**Other means of identification**
Not available.

**Synonym(s)**
Part Number Q4217A

**Recommended use**
HP product for use with HP Indigo Digital Presses 10000.

**Recommended restrictions**
None known.

**Issue date**
01-Jun-2014

**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) 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.

**OSHA hazard(s)**
Not classified.

**Label elements**

<table>
<thead>
<tr>
<th><strong>Hazard symbol</strong></th>
<th>No symbol.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Signal word</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Hazard statement</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Precautionary statement</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Prevention</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Response</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Storage</strong></td>
<td>Not available.</td>
</tr>
<tr>
<td><strong>Disposal</strong></td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**Hazard(s) not otherwise classified (HNOC)**
Not classified.

3. Composition/information on ingredients

**Mixtures**

<table>
<thead>
<tr>
<th><strong>Hazardous components</strong></th>
<th><strong>Chemical name</strong></th>
<th><strong>CAS number</strong></th>
<th><strong>%</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Petroleum hydrocarbon</td>
<td>90622-58-5</td>
<td>&lt;80</td>
</tr>
<tr>
<td></td>
<td>Trade Secret*</td>
<td>Proprietary*</td>
<td>&lt;15</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Non-hazardous components</strong></th>
<th><strong>Chemical name</strong></th>
<th><strong>CAS number</strong></th>
<th><strong>%</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pigment Blue*</td>
<td>Proprietary*</td>
<td>&lt;5</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

**Inhalation**
If overcome by vapor, remove person from exposure to fresh air. If breathing is difficult, give oxygen. 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. Do not apply neutralizing agents.

**Ingestion**
Do not induce vomiting. Never give anything by mouth to an unconscious person. If ingestion of a large amount does occur, seek medical attention.

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

5. Fire-fighting measures

**Flash point**
Not available.

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

**Unsuitable extinguishing media**
None known.

**Specific hazards arising from the chemical**
None known.

**Special protective equipment and precautions for firefighters**
Not available.

**Fire-fighting equipment/instructions**
Move containers from fire area if you can do it without risk. Evacuate area and fight fire from a safe distance.

6. Accidental release measures

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

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

**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 prolonged or repeated skin contact with this material. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

**Conditions for safe storage, including any incompatibilities**
Keep away from excessive heat or cold. Store in a cool and shaded area. Do not store in direct sunlight.

8. Exposure controls/personal protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>ACGIH Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret (CAS Proprietary)</td>
<td>STEL</td>
<td>143 mg/m³</td>
</tr>
<tr>
<td>TWA</td>
<td></td>
<td>3 mg/m³</td>
</tr>
</tbody>
</table>

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

**Appropriate engineering controls**
Use in a well ventilated area.

**Individual protection measures, such as personal protective equipment**

<table>
<thead>
<tr>
<th>Protection</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye/face</td>
<td>Not available.</td>
</tr>
<tr>
<td>Skin</td>
<td></td>
</tr>
<tr>
<td>Hand protection</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other</td>
<td>Not available.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Not available.</td>
</tr>
<tr>
<td>Thermal hazards</td>
<td>Not available.</td>
</tr>
</tbody>
</table>
9. Physical and chemical properties

**Appearance**

- **Physical state**: Paste
- **Color**: Cyan

**Odor**

- mild hydrocarbon-like

**Odor threshold**

- Not available.

**pH**

- Not available.

**Melting point/freezing point**

- Not available.

**Initial boiling point and boiling range**

- Not available.

**Flash point**

- Not available.

**Evaporation rate**

- Not available.

**Flammability (solid, gas)**

- Not applicable.

**Upper/lower flammability or explosive limits**

- **Flammability limit - lower (%)**: Not available.
- **Flammability limit - upper (%)**: Not available.
- **Explosive limit - lower (%)**: Not available.
- **Explosive limit - upper (%)**: Not available.

**Vapor pressure**

- Not available.

**Solubility(ies)**

- Not soluble in water

**Partition coefficient (n-octanol/water)**

- Not available.

**Auto-ignition temperature**

- Not available.

**Decomposition temperature**

- Not available.

**Viscosity**

- Not available.

**Other information**

- **Oxidizing properties**: Not applicable.
- **Specific gravity**: 0.817
- **VOC (Weight %)**: 630 g/L (5.25 lbs/gal. US)

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**

- This product may react with strong oxidizing agents.

**Hazardous decomposition products**

- Upon decomposition, this product emits 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**: Not available.
- **Skin corrosion/irritation**: Not available.
- **Serious eye damage/eye irritation**: Not available.
- **Respiratory sensitization**: Not available.
12. Ecological information

Aquatic toxicity  This product has not been tested for ecological effects.

Ecotoxicity  No ecotoxicity data noted for the ingredient(s).

Persistence and degradability  Not available.

Bioaccumulative potential  Not available.

Mobility in soil  Not available.

Other adverse effects  Not available.

13. Disposal considerations

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

Local disposal regulations  Not available.

Hazardous waste code  Not regulated.

Waste from residues / unused products  Not available.

Contaminated packaging  Not available.

14. Transport information

DOT  Not regulated as a hazardous material by DOT.

IATA  Not regulated as a dangerous good.

IMDG  Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  No information available.

15. Regulatory information

US federal regulations  US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

US TSCA inventory: CASRN 329907-27-5 for Petroleum Hydrocarbon

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.
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 federal regulations
- Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
  Not regulated.
- Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
  Not regulated.
- Safe Drinking Water Act (SDWA)
  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.
- 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.
- Food and Drug Administration (FDA)
  Not regulated.

US 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.
- US. California Proposition 65
  US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance
  Not listed.

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
01-Jun-2014

Revision date
06-Jul-2014

Version #
02

Further information
Not available.

Disclaimer
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Manufacturer information
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Startbaan 16
1187 XR Amstelveen
The Netherlands
(Direct) 1-503-494-7199
(Toll-free within the US) 1-800-457-4209
### Explanation of abbreviations

<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>