1. Product and Company Identification

**Material name**  
CH253Series

**Version #**  
01

**Issue date**  
04-Mar-2014

**Product use**  
Inkjet printing

**CAS #**  
Mixture

**Synonym(s)**  
HP Designjet 788 Magenta Ink

**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. Hazards Identification

**Emergency overview**  
Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Potential health effects**

- **Eyes**  
  Irritating to eyes. Avoid contact with eyes.

- **Skin**  
  Contact causes skin irritation. Avoid contact with the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

- **Inhalation**  
  Do not breathe vapour. Inhalation of vapors or mists of the product may be irritating to the respiratory system. Inhalation may cause drowsiness or dizziness.

- **Ingestion**  
  May be harmful if swallowed.

**Other hazards**  
Benzophenone is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans).

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Proprietary initiator - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>phenoxy ethyl acrylate</td>
<td>48145-04-6</td>
<td>&lt;40</td>
</tr>
<tr>
<td>monoalkyl or monoaryl or monoalkylaryl esters of acrylic acid</td>
<td>3076-04-8</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Vinyl caprolactam</td>
<td>2235-00-9</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Alkyl Acrylate Ester</td>
<td>84170-74-1</td>
<td>&lt;10</td>
</tr>
<tr>
<td>Acrylate Ester Resin</td>
<td>26570-48-9</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Proprietary initiator</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>2-benzyl-2-dimethylamino-4-morpholinobutyrophenone</td>
<td>119313-12-1</td>
<td>&lt;1</td>
</tr>
</tbody>
</table>
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. If irritation persists get medical attention. |
| Inhalation | Move to fresh air. If symptoms persist, get medical attention. |
| Ingestion | If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting. Never give anything by mouth to an unconscious person. |

5. Fire Fighting Measures

**Flammable properties**
None known.

**Extinguishing media**

| Suitable extinguishing media | Dry powder. Carbon dioxide (CO2). Water may be ineffective. |
| Unsuitable extinguishing media | Water. |

**Protection of firefighters**

| Protective equipment and precautions for firefighters | Avoid runoff into storm sewers and ditches which lead to waterways. |

**Fire fighting equipment/instructions**
Not available.

6. Accidental Release Measures

**Personal precautions**
Wear appropriate personal protective equipment. Do not touch or walk through spilled material.

**Environmental precautions**
Do not let product enter drains. Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

**Methods for cleaning up**
Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

**Other information**
Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

**Handling**
Avoid contact with skin, eyes and clothing.

**Storage**
Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

8. Exposure Controls / Personal Protection

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

**Personal protective equipment**

| Eye / face protection | Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended. |
| Skin protection | Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing. |
| Respiratory protection | Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. Do not get this material in your eyes, on your skin, or on your clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse. Keep away from food and drink. |

9. Physical & Chemical Properties

**Appearance**
Not available.
<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid.</td>
</tr>
<tr>
<td>Color</td>
<td>Magenta</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 212.00 °F (&gt; 100.00 °C) Closed Cup</td>
</tr>
<tr>
<td>VOC</td>
<td>&lt; 95 g/L</td>
</tr>
<tr>
<td>Other information</td>
<td>For other VOC regulatory data/information see Section 15.</td>
</tr>
<tr>
<td>Other data Chemical family</td>
<td>Acrylate/Polymer/Pigment Blend</td>
</tr>
</tbody>
</table>

### 10. Chemical Stability & Reactivity Information

**Chemical stability**: Stable under normal storage conditions.

**Conditions to avoid**: Exposure to sunlight.

**Incompatible materials**: Incompatible with strong bases and oxidizing agents, alkaline metals.

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

**Possibility of hazardous reactions**: Hazardous polymerization can occur with decreased inhibitor content.

### 11. Toxicological Information

**Carcinogenicity**: Not a known carcinogen.

**Serious eye damage/eye irritation**: Not available.

**Mutagenicity**: None known.

**Teratogenicity**: None known.

**Further information**: Complete toxicity data are not available for this specific formulation.

### 12. Ecological Information

**Aquatic toxicity**: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Ecotoxicity**: No data available.

**Persistence and degradability**: Not available.

**Bioaccumulation / Accumulation**: 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. Ensure collection and disposal with an appropriately licensed waste contractor.

### 14. Transport Information

**DOT**: Not regulated as dangerous goods.

**IATA**: Not regulated as dangerous goods.

**IMDG**: Not regulated as dangerous goods.
15. Regulatory Information

**US federal regulations**
This product is listed on the U.S. EPA TSCA Inventory.
US TSCA 12(b): Contains 2,4-diethyl-9h-thioxanthen-9-one; Benzopenone, subject to export notification requirements.
US TSCA 4(a): Contains Benzopenone, subject of a test rule at 40 CFR Section 799.5115.
TSCA Section 5(a)(2) Significant New Use Rules: This product contains 2,4-diethyl-9h-thioxanthen-9-one which is subject to a Significant New Use Rule at 40 CFR Section 721.9664.
TSCA 8(a) PAIR: 4-Methoxyphenol; Quinacridone Violet
SARA 302/304/311/312 hazardous chemicals: tridecyl acrylate

**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 - Yes
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

SARA 302 Extremely hazardous substance
No
SARA 311/312 Hazardous chemical
No
**Other information**
Exposure Limits (See Section 8): Executive regulation of Minister of Labour and Social Policy dated Nov. 29, 2002 concerning the highest exposure limits and volume of factors harmful for health and environment at work (Official Journal of Laws no 217/2002 item 1833 with further amendments).
VOC content (less water, less exempt compounds) = < 95 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

**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: 2
- Flammability: 1
- Physical hazard: 2

**NFPA ratings**
- Health: 2
- Flammability: 1
- Instability: 2
Material name: CH253Series
10882 Version #: 01 Issue date: 04-Mar-2014