SAFETY DATA SHEET

1. Identification

Product identifier
HP ElectroInk Mark 4.0 Calibration Liquid
Calibration Liq4.0

Other means of identification
Not available.

Recommended use
HP product for use with HP Indigo Digital Presses series 3000, 4000, 5000.

Recommended restrictions
None known.

Issue date
05-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
Acute toxicity, dermal
Aspiration hazard

OSHA hazard(s)
Not classified.

Label elements

Signal word
Danger

Hazard statement
May be fatal if swallowed and enters airways.

Precautionary statement

Prevention
Not available.

Response
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage
P405 - Store locked up.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

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

3. Composition/information on ingredients

Mixtures

Hazardous components
Chemical name
Petroleum hydrocarbon

CAS number
90622-58-5

%<100

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

<table>
<thead>
<tr>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>If overcome by vapor, remove person from exposure to fresh air. If breathing is difficult, give oxygen. If symptoms persist, get medical attention.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Wash affected areas thoroughly with mild soap and water. Immediately take off all contaminated clothing. Wash clothing separately before reuse. Get medical attention if irritation develops or persists.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>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.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Do not induce vomiting. Never give anything by mouth to an unconscious person. If ingestion of a large amount does occur, seek medical attention.</td>
</tr>
<tr>
<td>Most important symptoms/effects, acute and delayed</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

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. Do not reuse the empty container. 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 | No exposure limits noted for ingredient(s). |
| 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 | |
| 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: Yellow; Magenta; Cyan; Black.; White.

**Odor**
- Odor threshold: Not available.

**pH**
- Not available.

**Melting point/freezing point**
- Not available.

**Initial boiling point and boiling range**
- 370.4 °F (188 °C) (based on petroleum hydrocarbon)

**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 available.

**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: 0.77
- VOC (Weight %): 760 g/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**
- 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.

**Skin sensitization**
- Not available.

**Germ cell mutagenicity**
- Not available.
### Carcinogenicity
Not available.

### Reproductive toxicity
Not available.

### Specific target organ toxicity - single exposure
Not available.

### Specific target organ toxicity - repeated exposure
Not available.

### Aspiration hazard
Not available.

### Further information
No data is available on the product itself.

### 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 12(b): Does not contain listed chemicals.

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

Not on regulatory list.

**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 - Yes
- 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 05-Jun-2014
Revision date 08-Jul-2014
Version # 03
Further information Not available.

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.

Revision Information
Hazard(s) identification: <INDENT>-Response
Hazard(s) identification: <INDENT>-Disposal
Hazard(s) identification: <INDENT>-Storage
Hazard(s) identification: GHS Hazard Statements
Hazard(s) identification: GHS Symbols
Hazard(s) identification: GHS Signal Words

Manufacturer information
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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>Full Form</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>
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</table>