1. Identification

Product identifier

HP ElectroInk Light Cyan for use with HP Indigo Digital Press 10000
Q4224A

Other means of identification

Synonyms

Part Number Q4224A

Recommended use

HP product for use with HP Indigo Digital Presses 10000.

Recommended restrictions

None known.

Company identification

HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020

HP Inc. health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048
HP Inc. 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.

Environmental hazards
Not classified.

OSHA defined hazards
Not classified.

Label elements

Hazard symbol
None.

Signal word
None.

Hazard statement
The mixture does not meet the criteria for classification.

Precautionary statement

Prevention
Not available.

Response
Not available.

Storage
Not available.

Disposal
Not available.

Hazard(s) not otherwise classified (HNOC)
None known.

Supplemental information

This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum hydrocarbon</td>
<td></td>
<td>90622-58-5</td>
<td>&lt;80</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>Proprietary</td>
<td></td>
<td>&lt;20</td>
</tr>
<tr>
<td>Fluoropolymer resin</td>
<td>9002-84-0</td>
<td></td>
<td>&lt;1</td>
</tr>
<tr>
<td>Pigment Blue</td>
<td>Proprietary</td>
<td></td>
<td>&lt;1</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

**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></td>
<td>TWA</td>
<td>3 mg/m3</td>
</tr>
</tbody>
</table>

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

**Exposure guidelines**
Manufacturer recommended exposure limit based on petroleum hydrocarbon at > 75%. TWA = 171ppm (1200 mg/m3).

**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 Paste
   Physical state Solid.
   Color Light 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 available.
   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)
      Solubility (water) 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
      Specific gravity 0.81
   VOC (Weight %) 635 g/L (5.30 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**
Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**
Not classified.

**Serious eye damage/eye irritation**
Not classified.

**Respiratory or skin sensitization**

- **Respiratory sensitization**
  Not classified.

- **Skin sensitization**
  Not classified.

- **Germ cell mutagenicity**
  Not classified.

**Carcinogenicity**

- **IARC Monographs. Overall Evaluation of Carcinogenicity**
  Fluoropolymer resin (CAS 9002-84-0) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity**
Not classified.

**Specific target organ toxicity**

- **- single exposure**
  Not classified.

- **- repeated exposure**
  Not classified.

**Aspiration hazard**
Not classified.

**Further information**
Complete toxicity data are not available for this specific formulation. Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological information

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

**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.

14. Transport information

**DOT**
Not regulated as dangerous goods.

**IATA**
Not regulated as dangerous goods.

**IMDG**
Not regulated as dangerous goods.

**ADR**
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 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.

\[ \text{TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)} \]
- Not regulated.

\[ \text{CERCLA Hazardous Substance List (40 CFR 302.4)} \]
- Not listed.

\[ \text{SARA 304 Emergency release notification} \]
- Not regulated.

\[ \text{OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)} \]
- Not listed.

\[ \text{Superfund Amendments and Reauthorization Act of 1986 (SARA)} \]
- Hazard categories
  - Immediate Hazard - No
  - Delayed Hazard - No
  - Fire Hazard - No
  - Pressure Hazard - No
  - Reactivity Hazard - No
- SARA 302 Extremely hazardous substance
  - Not listed.
- SARA 311/312 Hazardous chemical
  - No

Other federal regulations
- Safe Drinking Water Act (SDWA)
  - Not regulated.

US state regulations
- US. Massachusetts RTK - Substance List
  - Not regulated.
- US. New Jersey Worker and Community Right-to-Know Act
  - Not listed.
- US. Pennsylvania Worker and Community Right-to-Know Law
  - Fluoropolymer resin (CAS 9002-84-0)
- US. Rhode Island RTK
  - Not regulated.
- US. California Proposition 65
  - 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 31-May-2014
Revision date 12-Apr-2016
Version # 04

Disclaimer
This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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
- Composition / Information on Ingredients: Ingredients
- HazReg Data: Pacific Rim
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
REC    Recommended
REL    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