SAFETY DATA SHEET

1. Identification

Important information
*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***

Product identifier
HP Indigo ElectroInk FP Violet for use with HP Indigo Digital Press WS6000 Q4191A

Other means of identification
Synonyms
Part Number Q4191A

Recommended use

Recommended restrictions
None known.

Manufacturer/Importer/Supplier/Distributor information
HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States

Telephone
650-857-1501

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
Not available.

Precautionary statement
Prevention
Not available.

Response
Not available.

Storage
Not available.

Disposal
Not available.

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

GHS 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;90</td>
</tr>
</tbody>
</table>

Material name: Q4191A  
12433  Version #: 06  Revision date: 20-Aug-2019  Issue date: 02-Jun-2014  
SDS US  
1 / 7
### 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>Component</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRADE SECRET</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 = 171 ppm (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**
- **Solid**

**Physical state**
Not available.

**Form**
Not available.

**Color**
Violet.

**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.

**Vapor density**
Not available.

**Solubility(ies)**
- **Solubility (water)**: Not soluble
- **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**: 0.8
- **VOC**: 660 g/l (5.49 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

Information on likely routes of exposure

Inhalation
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact
Contact with skin may result in mild irritation.

Eye contact
Contact with eyes may result in mild irritation.

Ingestion
Ingestion is not a likely route of exposure. Health injuries are not known or expected under normal use.

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.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.I.P.V 23 No. 51319 (CAS 6358-30-1)</td>
<td></td>
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</tr>
<tr>
<td>Acute</td>
<td>Oral</td>
<td>Rat</td>
</tr>
</tbody>
</table>

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) Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens
Not listed.

Reproductive toxicity

Not classified.

Specific target organ toxicity - single exposure
Not classified.

Specific target organ toxicity - 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.

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.

14. Transport information

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<th>DOT</th>
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<tr>
<td>UN proper shipping name</td>
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<tr>
<td>Subsidiary risk</td>
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<td>Environmental hazards</td>
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<td>Marine pollutant</td>
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<td>Special precautions for user</td>
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| IATA         |          |          |          |          |          |          |          |          |          |          |          |
| UN number    | Not available. |          |          |          |          |          |          |          |          |          |          |
| UN proper shipping name | Not Regulated |          |          |          |          |          |          |          |          |          |          |
| Transport hazard class(es) |          |          |          |          |          |          |          |          |          |          |          |
| Class        | Not available. |          |          |          |          |          |          |          |          |          |          |
| Subsidiary risk | - |          |          |          |          |          |          |          |          |          |          |
| Packing group | Not available. |          |          |          |          |          |          |          |          |          |          |
| Environmental hazards |          |          |          |          |          |          |          |          |          |          |          |
| Special precautions for user | Not available. |          |          |          |          |          |          |          |          |          |          |

| IMDG         |          |          |          |          |          |          |          |          |          |          |          |
| UN number    | Not available. |          |          |          |          |          |          |          |          |          |          |
| UN proper shipping name | Not Regulated |          |          |          |          |          |          |          |          |          |          |
| Transport hazard class(es) |          |          |          |          |          |          |          |          |          |          |          |
| Class        | Not available. |          |          |          |          |          |          |          |          |          |          |
| Subsidiary risk | - |          |          |          |          |          |          |          |          |          |          |
| Packing group | Not available. |          |          |          |          |          |          |          |          |          |          |
| Environmental hazards |          |          |          |          |          |          |          |          |          |          |          |
| Marine pollutant | No |          |          |          |          |          |          |          |          |          |          |
| Special precautions for user | Not available. |          |          |          |          |          |          |          |          |          |          |

| ADR          |          |          |          |          |          |          |          |          |          |          |          |
| UN number    | Not available. |          |          |          |          |          |          |          |          |          |          |
| UN proper shipping name | Not Regulated |          |          |          |          |          |          |          |          |          |          |
| Transport hazard class(es) |          |          |          |          |          |          |          |          |          |          |          |
| Class        | Not available. |          |          |          |          |          |          |          |          |          |          |
| Subsidiary risk | - |          |          |          |          |          |          |          |          |          |          |
| Hazard No. (ADR) | Not available. |          |          |          |          |          |          |          |          |          |          |
| Tunnel restriction code | Not available. |          |          |          |          |          |          |          |          |          |          |
| Packing group | Not available. |          |          |          |          |          |          |          |          |          |          |
| Environmental hazards |          |          |          |          |          |          |          |          |          |          |          |
| Special precautions for user | Not available. |          |          |          |          |          |          |          |          |          |          |

Further information
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code: Not applicable.

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. |          |          |          |          |          |          |          |          |          |          |          |

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

TSCA Chemical Action Plans, Chemicals of Concern
Fluoropolymer resin (CAS 9002-84-0) Long-Chain Perfluorinated Chemicals (PFCs) Action Plan
### CERCLA Hazardous Substance List (40 CFR 302.4)
Not listed.

### SARA 304 Emergency release notification
Not regulated.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not regulated.

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Immediate Hazard</th>
<th>Delayed Hazard</th>
<th>Fire Hazard</th>
<th>Pressure Hazard</th>
<th>Reactivity Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 302 Extremely hazardous substance</td>
<td>No</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>SARA 311/312 Hazardous chemical</td>
<td>No</td>
<td></td>
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</tr>
</tbody>
</table>

### Other federal regulations

<table>
<thead>
<tr>
<th>Regulation Description</th>
<th>Regulated Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</td>
<td>Not regulated.</td>
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<tr>
<td>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>Safe Drinking Water Act (SDWA)</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>US state regulations</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Issue date</th>
<th>02-Jun-2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision date</td>
<td>20-Aug-2019</td>
</tr>
<tr>
<td>Version #</td>
<td>06</td>
</tr>
</tbody>
</table>

This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

### 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

2. Hazard(s) identification: Hazard statement
3. Composition / Information on Ingredients: Disclosure Overrides
4. Transport information: Further information
### 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>
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<tr>
<td>DOT</td>
<td>Department of Transportation</td>
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<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>
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<tr>
<td>NIOSH</td>
<td>National Institute for Occupational Safety and Health</td>
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<tr>
<td>NTP</td>
<td>National Toxicology Program</td>
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<tr>
<td>OSHA</td>
<td>Occupational Safety and Health Administration</td>
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<tr>
<td>PEL</td>
<td>Permissible Exposure Limit</td>
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<tr>
<td>RCRA</td>
<td>Resource Conservation and Recovery Act</td>
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<tr>
<td>REC</td>
<td>Recommended</td>
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<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
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<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
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<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
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<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
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<td>TLV</td>
<td>Threshold Limit Value</td>
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<td>TSCA</td>
<td>Toxic Substances Control Act</td>
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<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
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