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 Calibration Cartridge FP Violet for use with HP Indigo Digital Press WS6000 Q4192A

**Other means of identification**

- **Synonyms**: Part Number Q4192A
- **Recommended restrictions**: None known.

**Manufacturer/Importer/Supplier/Distributor information**

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

**Telephone**

- **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: Q4192A

12434 Version #: 09 Revision date: 18-Sep-2019 Issue date: 02-Jun-2014
Chemical name | Common name and synonyms | CAS number | %
---|---|---|---
Trade Secret | Proprietary | TRADE SECRET | <15
C.I.P.V 23 No. 51319* | | 6358-30-1* | <5
Fluropolymer resin | | 9002-84-0 | <1

**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**
Not available.

**Special protective equipment and precautions for firefighters**
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</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).
Use in a well ventilated area.

Appropriate engineering controls

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.

   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>
<td></td>
</tr>
<tr>
<td>Acute Oral LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</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
Not classified.

IARC Monographs. Overall Evaluation of Carcinogenicity

Fluoropolymer resin (CAS 9002-84-0)
3 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

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

14. Transport information

DOT
- 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: Not available.
- Marine pollutant: No
- Special precautions for user: Not available.

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: Not available.
- 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: Not available.
- 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: No
- 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)  
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  
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.

US state regulations  
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  02-Jun-2014
Revision date  18-Sep-2019
Version #  09
Other information  This SDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Disclaimer  
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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