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 Yellow for use with HP Indigo Digital Presses WS6000 series, W7200 series, 7000 series and 8000 Q4134D

Other means of identification
Synonyms Part Number Q4134D

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.

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

3. Composition/information on ingredients

Mixtures
Material name: Q4134D
Version #: 03 Revision date: 01-Mar-2021 Issue date: 13-Dec-2019

SDS US 1 / 7
Chemical name | Common name and synonyms | CAS number | %
---|---|---|---
Alkanes C11-15 iso | 90622-58-5 | <80
Trade secret* | Proprietary* | <15
C.I.P.Y. 185 No.56290 | 76199-85-4 | <5
Fluoropolymer 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**
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</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).
Manufacturer recommended exposure limit based on petroleum hydrocarbon at > 70%. TWA = 171 ppm (1200 mg/m³).

Exposure guidelines
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 Yellow
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 0.816
VOC 621 g/L (5.18 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.

**Components**

<table>
<thead>
<tr>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rat</td>
<td>&gt;= 5000 mg/kg</td>
</tr>
</tbody>
</table>

**C.I.P.Y. 185 No.56290 (CAS 76199-85-4)**

- **Acute**
  - Oral
  - LD50

**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.

  - Not listed.

- **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

**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

DOT

<table>
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<th>Category</th>
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<td>Marine pollutant</td>
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<td>Special precautions for user</td>
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IATA

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<td>Environmental hazards</td>
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IMDG

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<td>Transport hazard class(es)</td>
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ADR

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<td>Transport hazard class(es)</td>
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<td>Environmental hazards</td>
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</tr>
<tr>
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</tr>
</tbody>
</table>

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.

Toxic Substances Control Act (TSCA)

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 1910.1001-1053)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
SARA 302 Extremely hazardous substance
Not listed.

Other federal regulations
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
No intentionally added HAP substances.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA)
Not regulated.

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 13-Dec-2019
Revision date 01-Mar-2021
Version # 03

Other information 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.
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Explanation</th>
</tr>
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<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>
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<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
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<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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<tr>
<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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