



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the substance/preparation** CD402 Series

**Use of the substance/preparation** Inkjet printing

**Version #** 01

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**Synonym(s)** HP DS100 Specialty Textile Black Scitex Ink

**Manufacturer information** HP Inc.

**Company identification** HP Computing and Printing Middle East FZ-LLC,  
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## 2. HAZARDS IDENTIFICATION

### 2.1 GHS classification of substance or mixture, and national or regional information

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

### Label elements



**Signal word** Warning

**Hazard statement** Combustible liquid. Harmful in contact with skin. May cause an allergic skin reaction.

### Precautionary statement

**Prevention** P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

**Response** P370 + P378 - In case of fire: Use sand, carbon dioxide (CO<sub>2</sub>) or dry chemical to extinguish.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P312 - Call a POISON CENTER/doctor/physician if you feel unwell.  
P363 - Wash contaminated clothing before reuse.

**Storage** P403 + P235 - Store in a well-ventilated place. Keep cool.

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

**Other hazards which do not result in classification** Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

**Supplemental information** None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components                               | CAS #    | Percent |
|--|----------|---------|
| Ethylene Glycol, Monobutyl Ether Acetate | 112-07-2 | <90     |

| Components               | CAS #    | Percent |
|--------------------------|----------|---------|
| 1,4-diaminoanthraquinone | 128-95-0 | <5      |
| Ethylacetate             | 141-78-6 | <5      |

#### 4. FIRST AID MEASURES

|                           |   |
|---------------------------|---|
| <b>Inhalation</b>         | Move to fresh air. If symptoms persist, get medical attention.  |
| <b>Skin contact</b>       | In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse. |
| <b>Eye contact</b>        | In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.   |
| <b>Ingestion</b>          | If swallowed, seek medical advice immediately and show this container or label.   |
| <b>Notes to physician</b> | Treat symptomatically.  |

#### 5. FIRE-FIGHTING MEASURES

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                                  | CO2, water, dry chemical, or foam   |
| <b>Extinguishing media which must not be used for safety reasons</b> | Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.    |
| <b>Unusual fire &amp; explosion hazards</b>                          | None known.   |
| <b>Fire fighting equipment/instructions</b>                          | Firefighters should wear full protective clothing including self contained breathing apparatus. |
| <b>Specific methods</b>  | Water mist may be used to cool closed containers.   |
| <b>Hazardous combustion products</b>                                 | Carbon monoxide and carbon dioxide.   |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                |   |
|--------------------------------|---|
| <b>Methods for cleaning up</b> | Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). |
| <b>Spill cleanup methods</b>   | Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). |
| <b>Other information</b>       | Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.   |

#### 7. HANDLING AND STORAGE

|                 |   |
|-----------------|---|
| <b>Handling</b> | Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product.<br>Use with adequate ventilation.<br>Wear personal protective equipment. |
| <b>Storage</b>  | Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.   |

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Occupational exposure limits

##### US. ACGIH Threshold Limit Values

| Components  | Type | Value   |
|---|------|---------|
| Ethylacetate (CAS 141-78-6)                             | TWA  | 400 ppm |
| Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) | TWA  | 20 ppm  |

##### UAE. OELs. Maximum Allowable Limits for Air Pollutants in Working Areas [Law to Protect the Air from Pollution, Resolution of the Cabinet of Ministers No. 12 of 2006]

| Components                  | Type | Value                 |
|-----------------------------|------|-----------------------|
| Ethylacetate (CAS 141-78-6) | TWA  | 1440 mg/m3<br>400 ppm |

**UAE. Abu Dhabi. TLVs. Maximum Allowable Limits for Air Pollutants in Working Areas (AD EHSMS RF - Occupational Standards and Guideline Values, Schedule A)**

| Components  | Type | Value                   |
|---|------|-------------------------|
| Ethylacetate (CAS 141-78-6)                             | TWA  | 1440 mg/m3<br>400 ppm   |
| Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2) | TWA  | 130 mg/m3<br><br>20 ppm |

**Jordan. Resolution No. 43 (1998) Safety and Protection from Industrial Equipment, Machinery and Workplaces (TLVs List)**

| Components                  | Type | Value                 |
|-----------------------------|------|-----------------------|
| Ethylacetate (CAS 141-78-6) | TWA  | 1400 mg/m3<br>400 ppm |

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

**Recommended monitoring procedures**

**Additional exposure data** None established.

**Engineering measures to reduce exposure** Use in a well ventilated area.  
Ensure adequate ventilation, especially in confined areas. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

**Personal protective equipment**

**Hand protection** Recommended gloves: Nitrile 6 mil minimum thickness.

**Eye protection** Avoid contact with eyes  
Wear safety glasses; chemical goggles (if splashing is possible).

**Skin and body protection** Use personal protective equipment to minimize exposure to skin and eye.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

**Physical state** Not available.

**Form** Not available.

**Color** Black.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not applicable.

**Boiling point** Not determined.

**Flash point** > 145.0 °F (> 62.8 °C) (Closed Cup)

**Flammability limits in air, upper, % by volume** Not available.

**Flammability limits in air, lower, % by volume** Not available.

**Vapor pressure** Not determined.

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Viscosity** Not available.

**Evaporation rate** Not determined.

**Melting point/Freezing point** Not determined.

**Auto-ignition temperature** Not available.

**VOC** < 850 g/L

**Other data**

**Specific gravity** 0.94 @ 20 Degrees C

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## 10. STABILITY AND REACTIVITY

**Conditions to avoid** Not available.

**Hazardous decomposition products** None known.

**Stability** Stable at normal conditions

**Materials to avoid** strong oxidizing agents Strong acids and strong alkalis. oxidizing agents  
**Hazardous polymerization** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

**General information** Not available.

### 11.1. Information on toxicological effects

**Acute toxicity** Harmful in contact with skin.  
**Skin corrosion/irritation** Based on available data, the classification criteria are not met.  
**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.  
**Respiratory sensitization** Based on available data, the classification criteria are not met.  
**Skin sensitization** May cause sensitization by skin contact.  
**Germ cell mutagenicity** Based on available data, the classification criteria are not met.  
**Carcinogenicity** Based on available data, the classification criteria are not met.  
**Reproductive toxicity** Based on available data, the classification criteria are not met.  
**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.  
**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.  
**Aspiration hazard** Based on available data, the classification criteria are not met.

| Product | Species | Test Results |
|---------|---------|--------------|
|---------|---------|--------------|

CD402 Series

**Acute**

*Oral*

|      |     |            |
|------|-----|------------|
| LD50 | Rat | 2400 mg/kg |
|------|-----|------------|

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

Ethylacetate (CAS 141-78-6)

**Acute**

*Inhalation*

|      |     |                    |
|------|-----|--------------------|
| LC50 | Rat | 16000 ppm, 6 Hours |
|------|-----|--------------------|

|      |       |                   |
|------|-------|-------------------|
| LD50 | Mouse | 1500 ppm, 4 Hours |
|------|-------|-------------------|

|  |        |                   |
|--|--------|-------------------|
|  | Rabbit | 2500 ppm, 4 Hours |
|--|--------|-------------------|

|  |     |                   |
|--|-----|-------------------|
|  | Rat | 4000 ppm, 4 Hours |
|--|-----|-------------------|

*Oral*

|      |       |           |
|------|-------|-----------|
| LD50 | Mouse | 0.44 g/kg |
|------|-------|-----------|

|  |        |          |
|--|--------|----------|
|  | Rabbit | 4.9 g/kg |
|--|--------|----------|

|  |     |            |
|--|-----|------------|
|  | Rat | 11.3 ml/kg |
|--|-----|------------|

|  |  |          |
|--|--|----------|
|  |  | 5.6 g/kg |
|--|--|----------|

*Other*

|      |     |        |
|------|-----|--------|
| LD50 | Cat | 3 g/kg |
|------|-----|--------|

|  |            |        |
|--|------------|--------|
|  | Guinea pig | 3 g/kg |
|--|------------|--------|

Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)

**Acute**

*Dermal*

|      |        |            |
|------|--------|------------|
| LD50 | Rabbit | 1500 mg/kg |
|------|--------|------------|

*Oral*

|      |     |            |
|------|-----|------------|
| LD50 | Rat | 2400 mg/kg |
|------|-----|------------|

*Other*

|      |       |           |
|------|-------|-----------|
| LD50 | Mouse | 754 mg/kg |
|------|-------|-----------|

**Other information** Complete toxicity data are not available for this specific formulation

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## 12. ECOLOGICAL INFORMATION

### Ecotoxicological data

| Components   |                | Species                                  | Test Results                   |
|--|----------------|--|--------------------------------|
| Ethylacetate (CAS 141-78-6)                        |                |  |                                |
| <b>Aquatic</b>                                     |                |  |                                |
| Fish   | LC50           | Indian catfish (Heteropneustes fossilis) | 200.32 - 225.42 mg/l, 96 hours |
| <b>Environmental effects</b>                       | Not available. |  |                                |
| <b>Bioaccumulation</b>                             |                |  |                                |
| <b>Bioaccumulative potential</b>                   |                |  |                                |
| <b>Octanol/water partition coefficient log Kow</b> |                |  |                                |
| Ethylacetate                                       |                | 0.73                                     |                                |

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## 13. DISPOSAL CONSIDERATIONS

|                              |  |
|------------------------------|--|
| <b>Disposal instructions</b> | Do not dispose of together with general office waste.<br>Do not allow this material to drain into sewers/water supplies.<br>Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.<br>Ensure collection and disposal with an appropriately licensed waste contractor. |
|------------------------------|--|

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## 14. TRANSPORT INFORMATION

|                                     |   |
|-------------------------------------|---|
| <b>DOT</b>                          |   |
| <b>UN number</b>                    | NA1993  |
| <b>UN proper shipping name</b>      | Combustible liquid n.o.s. (butyl cellosolve acetate) -Not regulated in quantities less than 119 gallons |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | Combustible   |
| <b>Subsidiary risk</b>              | -   |
| <b>Packaging group</b>              | III   |
| <b>Special precautions for user</b> | Not available.  |

**IATA**  
Not regulated as dangerous goods.

**IMDG**  
Not regulated as dangerous goods.

**ADR**  
Not regulated as dangerous goods.

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## 15. REGULATORY INFORMATION

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## 16. OTHER INFORMATION

|  |   |
|--|---|
| <b>Disclaimer</b>  | 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. |
| <b>Prepared by</b>   | HP Chemical Compliance & Toxicology Department  |
| <b>This data sheet contains changes from the previous version in section(s):</b> | 3. Composition / Information on Ingredients: Ingredients<br>9. Physical & Chemical Properties: Multiple Properties<br>15. Regulatory Information: United States<br>GHS: Classification  |

## Explanation of abbreviations

|               |   |
|---------------|---|
| <b>ACGIH</b>  | American Conference of Governmental Industrial Hygienists           |
| <b>CAS</b>    | Chemical Abstracts Service  |
| <b>CERCLA</b> | Comprehensive Environmental Response Compensation and Liability Act |
| <b>CFR</b>    | Code of Federal Regulations   |
| <b>COC</b>    | Cleveland Open Cup  |
| <b>DOT</b>    | Department of Transportation  |
| <b>EPCRA</b>  | Emergency Planning and Community Right-to-Know Act (aka SARA)       |
| <b>IARC</b>   | International Agency for Research on Cancer                         |
| <b>NIOSH</b>  | National Institute for Occupational Safety and Health               |
| <b>NTP</b>    | National Toxicology Program   |
| <b>OSHA</b>   | Occupational Safety and Health Administration                       |
| <b>PEL</b>    | Permissible Exposure Limit  |
| <b>RCRA</b>   | Resource Conservation and Recovery Act                              |
| <b>REC</b>    | Recommended   |
| <b>REL</b>    | Recommended Exposure Limit  |
| <b>SARA</b>   | Superfund Amendments and Reauthorization Act of 1986                |
| <b>STEL</b>   | Short-Term Exposure Limit   |
| <b>TCLP</b>   | Toxicity Characteristics Leaching Procedure                         |
| <b>TLV</b>    | Threshold Limit Value   |
| <b>TSCA</b>   | Toxic Substances Control Act  |
| <b>VOC</b>    | Volatile Organic Compounds  |

### Manufacturer information

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