1. Identification

Product identifier: CD400 Series

Other means of identification:
Synonyms: HP DS100 Specialty Textile Magenta Scitex Ink

Recommended use: Inkjet printing

Recommended restrictions: None known.

Company identification: HP
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020

HP health effects line (Toll-free within the US) 1-800-457-4209
(Direct) 1-760-710-0048
HP 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: Flammable liquids Category 4

Health hazards: Acute toxicity, dermal Category 4

Environmental hazards: Not classified.

OSHA defined hazards: Not classified.

Label elements:

Signal word: Warning

Hazard statement: Combustible liquid. Harmful in contact with skin.

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.

Response: P370 + P378 - In case of fire: Use sand, carbon dioxide (CO2) or dry chemical to extinguish.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
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.

Hazard(s) not otherwise classified (HNOC): Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Supplemental information: None.

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>Ethylene Glycol, Monobutyl Ether Acetate</td>
<td></td>
<td>112-07-2</td>
<td>&lt;90</td>
</tr>
</tbody>
</table>
### 4. First-aid measures

- **Inhalation**: Move to fresh air. If symptoms persist, get medical attention.
- **Skin contact**: 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.
- **Eye contact**: In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention. Remove and isolate contaminated clothing and shoes. Thoroughly wash (or discard) clothing and shoes before reuse.
- **Ingestion**: If swallowed, seek medical advice immediately and show this container or label.

#### Most important symptoms/effects, acute and delayed
Not available.

#### Indication of immediate medical attention and special treatment needed
Treat symptomatically.

### 5. Fire-fighting measures

- **Suitable extinguishing media**: CO2, water, dry chemical, or foam
- **Unsuitable extinguishing media**: Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
- **Specific hazards arising from the chemical**: Not applicable.
- **Special protective equipment and precautions for firefighters**: Not available.
- **Fire-fighting equipment/instructions**: Firefighters should wear full protective clothing including self contained breathing apparatus.
- **Fire-fighting equipment/instructions**: Water mist may be used to cool closed containers.

### 6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**: Not available.
- **Methods and materials for containment and cleaning up**: 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).

### 7. Handling and storage

- **Precautions for safe handling**: Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
- **Conditions for safe storage, including any incompatibilities**: 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

<table>
<thead>
<tr>
<th>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylacetate (CAS 141-78-6)</td>
<td>1400 mg/m3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values Components</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylacetate (CAS 141-78-6)</td>
<td>400 ppm</td>
</tr>
</tbody>
</table>
US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>20 ppm</td>
</tr>
</tbody>
</table>

U.S. - NIOSH Value

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD400 Series</td>
<td>REL</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylacetate (CAS 141-78-6)</td>
<td>TWA</td>
<td>1400 mg/m³</td>
</tr>
<tr>
<td>Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)</td>
<td>TWA</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Value</th>
<th>Components Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 ppm</td>
<td>TWA</td>
</tr>
</tbody>
</table>

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

None established.

Appropriate engineering controls

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.

Individual protection measures, such as personal protective equipment

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

**Hand protection**
Not available.

**Other**
Use personal protective equipment to minimize exposure to skin and eye.

**Respiratory protection**
Not available.

**Thermal hazards**
Not available.

9. Physical and chemical properties

**Appearance**
Physical state
Not available.

**Color**
Magenta

**Odor**
Not available.

**Odor threshold**
Not available.

**pH**
Not applicable.

**Melting point/freezing point**
Not determined.

**Initial boiling point and boiling range**
Not determined.

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

**Evaporation rate**
Not determined.

**Flammability (solid, gas)**
Not available.

**Upper/lower flammability or explosive limits**
Flammability limit - lower (%)
Not available.

Explosive limit - lower (%)
Not available.

Flammability limit - upper (%)
Not available.

Explosive limit - upper (%)
Not available.

**Vapor pressure**
Not determined.
Solubility (water) Not available.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not available.

Other information
Specific gravity 0.94 @ 20 Degrees C
VOC (Weight %) < 850 g/L

10. Stability and reactivity

Reactivity Not available.
Chemical stability Stable at normal conditions
Possibility of hazardous reactions Will not occur.
Conditions to avoid Not available.
Incompatible materials strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
Hazardous decomposition products None known.

11. Toxicological information

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 or skin sensitization
Respiratory sensitization Based on available data, the classification criteria are not met.
Skin sensitization Based on available data, the classification criteria are not met.
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.
Further information Complete toxicity data are not available for this specific formulation

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD400 Series</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>2400 mg/kg</td>
</tr>
<tr>
<td>Components</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylacetate (CAS 141-78-6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>16000 ppm, 6 Hours</td>
</tr>
<tr>
<td>Components</td>
<td>Species</td>
<td>Test Results</td>
</tr>
<tr>
<td>------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>LD50</td>
<td>Mouse</td>
<td>1500 ppm, 4 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td>Rabbit</td>
<td>2500 ppm, 4 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td>Rat</td>
<td>4000 ppm, 4 Hours</td>
</tr>
</tbody>
</table>

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

**Acute**

**Dermal**

LD50  
Rabbit  0.44 g/kg

**Oral**

LD50  
Rabbit  4.9 g/kg

LD50  
Rat  11.3 ml/kg

**Other**

LD50  
Cat  3 g/kg

Guinea pig  3 g/kg

**5.6 g/kg**

**LD50 Cat**

**Oral**

LD50  3 g/kg

**LD50 Guinea pig**

**Ethylacetate (CAS 141-78-6)**

**Aquatic**

LC50  Indian catfish (Heteropneustes fossilis)  200.32 - 225.42 mg/l, 96 hours

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Partition coefficient n-octanol / water (log Kow)**

Ethylacetate  0.73

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

---

## 12. Ecological information

### Ecotoxicity

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylacetate (CAS 141-78-6)</td>
<td>Fish</td>
<td>LC50 Indian catfish (Heteropneustes fossilis) 200.32 - 225.42 mg/l, 96 hours</td>
</tr>
</tbody>
</table>

**Persistence and degradability**

Not available.

**Bioaccumulative potential**

Not available.

**Partition coefficient n-octanol / water (log Kow)**

Ethylacetate  0.73

**Mobility in soil**

Not available.

**Other adverse effects**

Not available.

---

## 13. Disposal considerations

**Disposal instructions**

Do not dispose of together with general office waste.

Do not allow this material to drain into sewers/water supplies.

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Ensure collection and disposal with an appropriately licensed waste contractor.

---

## 14. Transport information

**DOT**

- **UN number**: NA1993
- **UN proper shipping name**: Combustible liquid n.o.s. (butyl cellosolve acetate) -Not regulated in quantities less than 119 gallons
- **Class**: Combustible
- **Subsidiary risk**: -
- **Packaging group**: III
- **Special precautions for user**: Not available.
IATA
Not regulated as dangerous goods.

IMDG
Not regulated as dangerous goods.

ADR
Not regulated as dangerous goods.

15. Regulatory information

US federal regulations
US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

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

CERCLA Hazardous Substance List (40 CFR 302.4)
Ethyl acetate (CAS 141-78-6) Listed.

SARA 304 Emergency release notification
Not regulated.

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

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
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
Ethyl acetate (CAS 141-78-6)

US. New Jersey Worker and Community Right-to-Know Act
Ethyl acetate (CAS 141-78-6)
Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)

US. Pennsylvania Worker and Community Right-to-Know Law
Ethyl acetate (CAS 141-78-6)

US. Rhode Island RTK
Ethyl acetate (CAS 141-78-6)

US. California Proposition 65
Not listed.

Other information
VOC content (less water, less exempt compounds) = < 850 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)

16. Other information, including date of preparation or last revision

Issue date 11-May-2015
Revision date 10-Aug-2015
Version # 03
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

Other information, including date of preparation or last revision: Disclaimer

Manufacturer information

HP
1501 Page Mill Road
Palo Alto, CA 94304-1112 US
(Direct) +972 (9) 892-4628

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>
</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>
</tr>
<tr>
<td>REL</td>
<td>Recommended Exposure Limit</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act of 1986</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-Term Exposure Limit</td>
</tr>
<tr>
<td>TCLP</td>
<td>Toxicity Characteristics Leaching Procedure</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold Limit Value</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>VOC</td>
<td>Volatile Organic Compounds</td>
</tr>
</tbody>
</table>