SAFETY DATA SHEET

1. Identification
Product identifier
CD403 Series
Other means of identification
Synonyms
HP DS100 Specialty Textile Light Cyan Scitex Ink
Recommended use
Inkjet printing
Recommended restrictions
None known.
Company identification
HP Inc.
1501 Page Mill Road
Palo Alto, CA 94304-1112
United States
Telephone 650-857-5020
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
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>112-07-2</td>
<td>&lt;100</td>
<td></td>
</tr>
</tbody>
</table>

Material name: CD403 Series
11291   Version #: 03   Revision date: 14-Mar-2017   Issue date: 29-Aug-2014
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.

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.

Specific methods
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>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylacetate (CAS 141-78-6)</td>
<td>PEL</td>
<td>1400 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>400 ppm</td>
</tr>
</tbody>
</table>

US. ACGIH Threshold Limit Values

<table>
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<tbody>
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<td>Ethylacetate (CAS 141-78-6)</td>
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US. ACGIH Threshold Limit Values

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<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

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD403 Series</td>
<td>REL</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

US. NIOSH: Pocket Guide to Chemical Hazards

<table>
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<td>TWA</td>
<td>400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>33 mg/m3</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).

Skin protection

Hand protection
Recommended gloves: Nitrile 6 mil minimum thickness.

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
Light Cyan

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.

Flammability limit - upper (%)
Not available.

Explosive limit - lower (%)
Not available.

Explosive limit - upper (%)
Not available.

Vapor pressure
Not determined.
Solubility(ies)
- 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
- For other VOC regulatory data/information see Section 15.
- 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

Symptoms related to the physical, chemical and toxicological characteristics Not available.

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>Components</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<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>LD50</td>
<td>Mouse</td>
<td>1500 ppm, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>2500 ppm, 4 Hours</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>4000 ppm, 4 Hours</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Components</th>
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<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>Mouse</td>
<td>0.44 g/kg</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>4.9 g/kg</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>11.3 ml/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5.6 g/kg</td>
</tr>
<tr>
<td>Other</td>
<td>Cat</td>
<td>3 g/kg</td>
</tr>
<tr>
<td></td>
<td>Guinea pig</td>
<td>3 g/kg</td>
</tr>
</tbody>
</table>

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

**Acute**

**Dermal**

LD50

Rabbit 1500 mg/kg

**Inhalation**

LC50

Cat > 460 ppm, 6 Hours

Guinea pig > 460 ppm, 6 Hours

Mouse > 460 ppm, 6 Hours

Rabbit > 460 ppm, 6 Hours

**Oral**

LD100

Rabbit 987 mg/kg

LD50

Mouse 2820 mg/kg

Rat 1600 mg/kg

7.46 ml/kg

**Other**

LD50

Mouse 754 mg/kg

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>Aquatic</td>
<td></td>
</tr>
<tr>
<td>Fish</td>
<td>LC50</td>
<td>Indian catfish (Heteropneustes fossilis)</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
Combustible liquid n.o.s. (butyl cellosolve acetate) - Not regulated in quantities less than 119 gallons

UN proper shipping name

Transport hazard class(es)
  Class
  Subsidiary risk
  Packaging group
  Special precautions for user

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)
    Ethylacetate (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
    Ethylacetate (CAS 141-78-6)
  US. New Jersey Worker and Community Right-to-Know Act
    Ethylacetate (CAS 141-78-6)
    Ethylene Glycol, Monobutyl Ether Acetate (CAS 112-07-2)
  US. Pennsylvania Worker and Community Right-to-Know Law
    Ethylacetate (CAS 141-78-6)
  US. Rhode Island RTK
    Ethylacetate (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 29-Aug-2014
Revision date 14-Mar-2017
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
Exposure controls/personal protection: <INDENT>Hand protection

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

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