1. Product and Company Identification

- **Material name**: CN918 Series
- **Version #**: 03
- **Issue date**: 22-Apr-2010
- **Revision date**: 20-Nov-2013
- **Product use**: Inkjet printing
- **Synonym(s)**: HP Scitex XL100 Supreme Cyan Ink
- **Company identification**: Hewlett-Packard Company
  3000 Hanover Street
  Palo Alto, CA 94304-1185
  United States
  Telephone 650-857-5020
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2. Hazards Identification

**Potential health effects**

- **Skin**: Harmful if absorbed through the skin. Contact with skin may result in irritation and Harmful if absorbed through the skin.
- **Inhalation**: Harmful if inhaled. Inhalation may result in respiratory irritation.

3. Composition / Information on Ingredients

**Hazardous components**

<table>
<thead>
<tr>
<th>Material Name</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Glycol, Monobutyl Ether Acetate</td>
<td>112-07-2</td>
<td>&lt;70</td>
</tr>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate</td>
<td>108-65-6</td>
<td>&lt;30</td>
</tr>
<tr>
<td>Pigment Blue</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
</tbody>
</table>

**Non-hazardous components**

<table>
<thead>
<tr>
<th>Material Name</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Polymer</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>Vinyl chloride-vinyl acetate copolymer</td>
<td>Proprietary</td>
<td>&lt;5</td>
</tr>
<tr>
<td>High Molecular Weight Copolymer</td>
<td>Mixture</td>
<td>&lt;2.5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

**General advice**: No information

**First aid procedures**

- **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.
- **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.
- **Inhalation**: Move to fresh air. If symptoms persist, get medical attention.
- **Ingestion**: If swallowed, seek medical advice immediately and show this container or label.
Notes to physician: Treat symptomatically.

5. Fire Fighting Measures

**Flammable properties:** None known.

**Extinguishing media**
- **Suitable extinguishing media:** CO2, water, dry chemical, or foam
- **Unsuitable extinguishing media:** Do not use a solid water stream as it may scatter and spread fire.

**Fire fighting equipment/instructions:** Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products:** Carbon monoxide and carbon dioxide.

6. Accidental Release Measures

**Personal precautions:** Ensure adequate ventilation.

**Methods for 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).

**Other information:** Soak up with inert absorbent material. Dispose of in compliance with federal, state, and local regulations.

7. Handling and Storage

**Handling:** Avoid breathing vapors or mists of this product. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Keep away from heat, sparks and open flame - No smoking. Use only with adequate ventilation. Wash thoroughly after handling.

**Storage:** Store in accordance with local/regional/national/international regulation. Keep in a well-ventilated place. Keep container closed when not in use.

8. Exposure Controls / Personal Protection

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>US. ACGIH Threshold Limit Values 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>

<table>
<thead>
<tr>
<th>U.S. - NIOSH Material Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN918 Series</td>
<td>REL</td>
<td>5 ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. NIOSH: Pocket Guide to Chemical Hazards 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>33 mg/m3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>US. AIHA Workplace Environmental Exposure Level (WEEL) Guides Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol Monomethyl Ether Acetate (CAS 108-65-6)</td>
<td>TWA</td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

**Exposure guidelines:** None established.

**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.

**Personal protective equipment**

**Eye / face protection:** Avoid contact with eyes
Wear safety glasses; chemical goggles (if splashing is possible).
Skin protection
Use personal protective equipment to minimize exposure to skin and eye.

General hygiene considerations
Keep away from food and drink. Wash hands before breaks and at the end of workday.

9. Physical & Chemical Properties
Appearance
Liquid.
Physical state
Not available.
Form
Not available.
Color
Cyan
Odor
Not available.
pH
Not available.
Vapor pressure
Not determined.
Boiling point
325.4 °F (163 °C) Estimated
Melting point/Freezing point
Not available.
Solubility (water)
Not available.
Specific gravity
Not available.
Flash point
150.80 °F (66.00 °C) Setalflash Closed Tester
VOC
< 901 g/L
Other information
For other VOC regulatory data/information see Section 15.

10. Chemical Stability & Reactivity Information
Chemical stability
Stable at normal conditions
Conditions to avoid
No information available
Incompatible materials
strong oxidizing agents Strong acids and strong alkalis. oxidizing agents
Hazardous decomposition products
None known.
Possibility of hazardous reactions
Will not occur.

11. Toxicological Information
Toxicological data
Components
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
Carcinogenicity
ACGIH Carcinogens
2-BUTOXYETHYL ACETATE (EGBEA) (CAS 112-07-2) A3 Confirmed animal carcinogen with unknown relevance to humans.
IARC Monographs. Overall Evaluation of Carcinogenicity
Vinyl chloride-vinyl acetate copolymer (CAS Proprietary) 3 Not classifiable as to carcinogenicity to humans.
Serious eye damage/eye irritation
Not available.

12. Ecological Information
Ecotoxicity
This product has not been tested for ecological effects.
Persistence and degradability
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
Basic shipping requirements:
UN number NA1993
Proper shipping name Combustible liquid n.o.s. (2-methoxy-1-methylethyl acetate) -Not regulated in quantities less than 119 gallons
Hazard class Combustible
Packing group III
IATA
Not regulated as dangerous goods.
IMDG
Not regulated as dangerous goods.
RID
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.
Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Not listed.
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.
DEA Exempt Chemical Mixtures Code Number
Not regulated.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.
CERCLA (Superfund) reportable quantity
None
Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No
SARA 302 Extremely hazardous substance No
SARA 311/312 Hazardous chemical No
Other information VOC content (less water, less exempt compounds) = < 901 g/L (U.S. requirement, not for emissions) VOC data based on formulation (Organic compounds minus solids)
Other regulations 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.
State regulations
US. Massachusetts RTK - Substance List
Not regulated.

US. Pennsylvania RTK - Hazardous Substances
Not regulated.

US. Rhode Island RTK
Not regulated.

16. Other Information

HMIS® ratings

Health: 2
Flammability: 2
Physical hazard: 1

NFPA ratings

Health: 2
Flammability: 2
Instability: 1

Disclaimer
This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company 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.

Other information
This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Issue date
22-Apr-2010

This data sheet contains changes from the previous version in section(s):
Composition / Information on Ingredients: Ingredients
9. Physical & Chemical Properties: Other information
15. Regulatory Information: Other information

Manufacturer information
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(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