1. Product and Company Identification

Identification of the preparation: CN973 Series

Synonym(s): HP Scitex DS100 Light Black Ink

Product use: Inkjet printing

Version #: 03

Revision date: 31-Mar-2011

Company identification: Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-1501

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 1-503-494-7199

HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551

Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Acute health effects

Skin contact: Harmful if absorbed through the skin. May cause sensitization by skin contact.

Inhalation: Harmful if inhaled.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dye(s)</td>
<td>Trade Secret</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Copolymer</td>
<td>Trade Secret</td>
<td>7.5 - 10</td>
</tr>
<tr>
<td>Additives</td>
<td>Trade Secret</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Ci Disperse Yellow 3</td>
<td>2832-40-8</td>
<td>1 - 2</td>
</tr>
<tr>
<td>2-Butoxyethyl acetate</td>
<td>112-07-2</td>
<td>&gt;75</td>
</tr>
</tbody>
</table>

4. First Aid Measures

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
Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.

Protection of firefighters
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
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. Avoid contact of this material with heat, oxidizing agents, and acids.

Storage
Store in accordance with local/regional/national/international regulation.

Keep in a well-ventilated place. Keep container closed when not in use. Store this product in air-tight containers away from sources of heat and light.

8. Exposure Controls / Personal Protection
Occupational exposure limits
ACGIH Components Type Value
2-Butoxyethyl acetate (112-07-2) TWA 20.0000 ppm

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.

9. Physical & Chemical Properties
Appearance Liquid.
Color Black.
Odor Not available.
Odor threshold Not available.
Physical state Liquid
Form Not available.
pH Not applicable.
Melting point Not available.
Freezing point Not determined.
Boiling point Not determined.
Flash point 141.8 °F (60.5 °C) (Closed Cup)
Evaporation rate Not determined.
Flammability limits in air, upper, % by volume: Not available.
Flammability limits in air, lower, % by volume: Not available.
Vapor pressure: Not determined.
Vapor density: Not available.
Specific gravity: 0.94 @ 20 Degrees C
Relative density: Not available.
Solubility (water): Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
VOC: < 850 g/L
Other information: VOC content (less water, less exempt compounds) = < 850 g/L (U.S. requirement, not for emissions)

10. Chemical Stability & Reactivity Information
Chemical stability: Stable at normal conditions
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
Carcinogenicity
ACGIH Carcinogens
2-Butoxyethyl acetate (CAS 112-07-2) A3 Confirmed animal carcinogen with unknown relevance to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity
Ci Disperse Yellow 3 (CAS 2832-40-8) 3 Not classifiable as to carcinogenicity to humans.

IARC Monographs: Evidence of carcinogenicity in humans
Ci Disperse Yellow 3 (CAS 2832-40-8) No data.
Toxicological information: Complete toxicity data are not available for this specific formulation
Serious eye damage/eye irritation: Not available.
Skin sensitization: Not available.
Symptoms and target organs
Target Organs (NIOSH)
2-Butoxyethyl acetate (CAS 112-07-2) Blood
Central Nervous System
Eyes
Hemato system
Kidneys
Liver
Lymphoid system
Respiratory system
Skin

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. (butyl cellosolve acetate) - Not regulated in quantities less than 119 gallons
- Hazard class: Combustible
- Packing group: III
- Additional information: ERG number 128

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.
- US EPCRA (SARA Title III) Section 313 - Toxic Chemical: De minimis concentration
  - CI Disperse Yellow 3 (CAS 2832-40-8) 1.0 %
- US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance
  - CI Disperse Yellow 3 (CAS 2832-40-8) Listed.

CERCLA (Superfund) reportable quantity
- None

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
- Yes

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
- Section 302 extremely hazardous substance
  - No
- Section 311 hazardous chemical
  - Yes

State regulations
- US - New Jersey Community RTK (EHS Survey): Listed substance
  - CI Disperse Yellow 3 (CAS 2832-40-8) Substance no. 0503
- US - New Jersey Community RTK (EHS Survey): Reportable threshold
  - CI Disperse Yellow 3 (CAS 2832-40-8) 500 LBS
- US - Pennsylvania RTK - Hazardous Substances: Listed substance
  - CI Disperse Yellow 3 (CAS 2832-40-8) Listed.

Regulatory information
- Notified according to EU Regulations.
16. Other Information

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

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.

Issue date
31-Mar-2011

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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