



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name C5096ACLEANERONLY
Version # 01
Issue date 13-Aug-2013
Product use Inkjet printing
CAS # N/A
Company identification Hewlett-Packard Company
3000 Hanover Street
Palo Alto, CA 94304-1185
United States
Telephone 650-857-5020

Hewlett-Packard health effects line
(Toll-free within the US) 1-800-457-4209
(Direct) 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. Hazards Identification

Potential health effects

Eyes Unlikely to cause irritation under normal use conditions.
Skin Unlikely to cause skin irritation.
Inhalation Not an applicable route of entry for intended use.
Ingestion Ingestion is not expected to be a primary route of exposure for this product under normal use conditions.

Other hazards

Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Vapors irritating to eyes and respiratory tract. Inhalation of mists/vapors of this product may cause dizziness, nausea, and respiratory tract congestion. None of the components present in this formulation at concentrations equal to or greater than 0.1% are listed by EU, MAK, IARC, NTP or OSHA.

3. Composition / Information on Ingredients

| Non-hazardous components | CAS # | Percent |
|--------------------------|------------|---------|
| Polyethylene glycol | 25322-68-3 | <100 |

Composition comments This product has been evaluated using criteria specified in 29 CFR 1910.1200 (Hazard Communication Standard).

4. First Aid Measures

General advice No information

First aid procedures

Eye contact Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
Skin contact Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
Inhalation Move to fresh air. If symptoms persist, get medical attention.
Ingestion If ingestion of a large amount does occur, seek medical attention.

5. Fire Fighting Measures

| | |
|---|---|
| Flammable properties | None known. |
| Extinguishing media | |
| Suitable extinguishing media | CO2, water, dry chemical, or foam. |
| Unsuitable extinguishing media | None known. |
| Fire fighting equipment/instructions | Not available. |
| Specific methods | Do not direct a solid stream of water or foam into hot, burning pools; this may result in frothing and increase fire intensity. |
| Hazardous combustion products | Refer to section 10. |

6. Accidental Release Measures

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| Personal precautions | Wear appropriate personal protective equipment. |
| Environmental precautions | Do not let product enter drains. Do not flush into surface water or sanitary sewer system. |
| Other information | Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations. |

7. Handling and Storage

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|-----------------|---|
| Handling | Avoid contact with skin, eyes and clothing. |
| Storage | Keep out of the reach of children. Keep away from excessive heat or cold. |

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides

| Components | Type | Value | Form |
|--------------------------------------|------|----------|--------------|
| Polyethylene glycol (CAS 25322-68-3) | TWA | 10 mg/m3 | Particulate. |

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|---------------------------------------|---|
| Engineering controls | Use in a well ventilated area. |
| Personal protective equipment | |
| General | Use personal protective equipment to minimize exposure to skin and eye. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. Physical & Chemical Properties

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|-------------------------------------|---|
| Appearance | Not available. |
| Physical state | Not available. |
| Form | Not available. |
| Color | Not available. |
| Odor | Not available. |
| pH | Not Applicable |
| Vapor pressure | < 0.01 mm Hg 20 degrees C |
| Boiling point | > 392 °F (> 200 °C) |
| Melting point/Freezing point | Not available. |
| Solubility (water) | Soluble in water |
| Specific gravity | 1 - 1.2 |
| Flash point | > 424.40 °F (> 218.00 °C) |
| VOC | 0 g/l |
| Other information | For other VOC regulatory data/information see Section 15. |

10. Chemical Stability & Reactivity Information

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|---|--|
| Chemical stability | Stable under recommended storage conditions. |
| Conditions to avoid | No information available |
| Incompatible materials | Incompatible with strong bases and oxidizing agents. |
| Hazardous decomposition products | aldehydes |
| Possibility of hazardous reactions | Will not occur. |

11. Toxicological Information

| | |
|--|---|
| Acute effects | LD50/oral/rat >31700 mg/kg |
| Skin corrosion/irritation | Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS). Mild irritant in rabbit |
| Serious eye damage/eye irritation | Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS). Mild irritant in rabbit |
| Further information | Refer to Section 2 for potential health effects and Section 4 for first aid measures. |

12. Ecological Information

| | |
|-------------------------|-------------------------------|
| Aquatic toxicity | LC50/48h/daphnia =>10000 mg/L |
|-------------------------|-------------------------------|

Ecotoxicological data

| Components | | Species | Test Results |
|--------------------------------------|------|--|-----------------------|
| Polyethylene glycol (CAS 25322-68-3) | | | |
| Aquatic | | | |
| Fish | LC50 | Atlantic salmon (<i>Salmo salar</i>) | > 1000 mg/l, 96 hours |

| | |
|--------------------------------------|----------------|
| Persistence and degradability | Not available. |
|--------------------------------------|----------------|

13. Disposal Considerations

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| Disposal instructions | Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. |
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14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

| | |
|----------------------------|--|
| Further information | Not a dangerous good under DOT, IATA, ADR, IMDG, or RID. |
|----------------------------|--|

15. Regulatory Information

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|-------------------------------|---|
| US federal regulations | US TSCA 12(b): Does not contain listed chemicals. |
|-------------------------------|---|

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 - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance No

SARA 311/312 Hazardous chemical No

Other information Exposure Limits (See Section 8): Executive regulation of Minister of Labour and Social Policy dated Nov. 29, 2002 concerning the highest exposure limits and volume of factors harmful for health and environment at work (Official Journal of Laws no 217/2002 item 1833 with further amendments).

VOC content (less water, less exempt compounds) = 0 g/L (U.S. requirement, not for emissions)

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/NDL), 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: 0
Flammability: 1
Physical hazard: 0

NFPA ratings Health: 0
Flammability: 1
Instability: 0

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 13-Aug-2013

This data sheet contains changes from the previous version in section(s): Hazards Identification: Other hazards
4. First Aid Measures: Skin contact
4. First Aid Measures: Inhalation
5. Fire Fighting Measures: Suitable extinguishing media
Physical & Chemical Properties: Multiple Properties
9. Physical & Chemical Properties: Other information
11. Toxicological Information: Acute effects
11. Toxicological Information: Serious eye damage/eye irritation
11. Toxicological Information: Corrosivity
13. Disposal Considerations: Disposal instructions
Regulatory Information: United States
15. Regulatory Information: Other information
HazReg Data: Europe - EU

Manufacturer information

Hewlett-Packard Company
3000 Hanover Street
Palo Alto, California 94304-1112 US
(Direct) 1-503-494-7199
(Toll-free within the US) 1-800-457-4209

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 |