



# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Identification of the preparation** 4240 CLEANERONLY

**Use of the preparation** Inkjet printing

**Manufacturer information** Hewlett-Packard Company  
1000 NE Circle Boulevard  
Corvallis, OR 97330-4239 US

**Hewlett-Packard health effects line**

**(Toll-free within the US)** 1-800-457-4209  
**(Direct)** 1-503-494-7199

**General information telephone number**

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

**Date prepared** Jan 12, 2006

**MSDS number** 115459

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component/substance	CAS number	% by weight
Polyethylene glycol	25322-68-3	100

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

## 3. HAZARDS IDENTIFICATION

**Acute health effects** Any potential hazards are presumed to be due to exposure to the components.

**Skin contact** Unlikely to cause skin irritation.

**Eye contact** Unlikely to cause irritation under normal use conditions.

**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.

**Potential health effects**

**Routes of exposure** Potential routes of exposure under normal use conditions are skin and eye contact; and inhalation

**Chronic health effects** 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.

**Carcinogenicity** 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.

## 4. FIRST AID MEASURES

**First aid procedures**

**Skin** Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

**Eye** 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.

**Inhalation** Remove to fresh air. If symptoms persist, get medical attention.



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Ingestion If ingestion of a large amount does occur, seek medical attention.

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## 5. FIRE FIGHTING MEASURES

Flash point and method	> 218 °C
Hazardous combustion products	Refer to section 10.
Extinguishing media	Dry chemical, foam, carbon dioxide.
Unsuitable extinguishing media	None known.
Unusual fire and explosion hazard	None known.
Special firefighting procedures	Do not direct a solid stream of water or foam into hot, burning pools; this may result in frothing and increase fire intensity.

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## 6. ACCIDENTAL RELEASE MEASURES

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.
Procedures if material is released or spilled	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.

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## 7. HANDLING AND STORAGE

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

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment	
General	Use personal protective equipment to minimize exposure to skin and eye.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Exposure guidelines	Use in a well ventilated area.

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## 9. PHYSICAL & CHEMICAL PROPERTIES

pH	Not Applicable
Vapor pressure	< 0.01 mm Hg 20 degrees C
Boiling point	> 200 °C
Solubility	Soluble in water
Specific gravity	1 - 1.2
VOC content	< 3 %
Flash point	> 218 °C
Vapor density	> 1 (Air = 1.0)
Evaporation rate	Not determined
Flammability	Not determined
Oxidizing properties	Not applicable.

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## 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability	Stable under recommended storage conditions.
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<b>Hazardous polymerization</b>	Will not occur.
<b>Hazardous decomposition products</b>	aldehydes
<b>Incompatibility</b>	Incompatible with strong bases and oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

Refer to Section 3 for potential health effects and Section 4 for first aid measures.

<b>Dermal irritation</b>	Mild irritant in rabbit Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS).
<b>Eye irritation</b>	Mild irritant in rabbit Not classified as an irritant, according to OSHA Hazard Communication Standard (HCS).
<b>Oral toxicity</b>	LD50/oral/rat >31700 mg/kg

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## 12. ECOLOGICAL INFORMATION

<b>Aquatic toxicity</b>	LC50/48h/daphnia =>10000 mg/L
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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	Dispose of in compliance with federal, state, and local regulations.
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## 14. TRANSPORTATION INFORMATION

<b>General</b>	Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.
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### IATA

<b>Proper shipping name</b>	Not applicable
<b>Hazard class</b>	Not applicable
<b>Packaging exceptions</b>	None
<b>Identification number (UN)</b>	None
<b>Packing group</b>	NA

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## 15. REGULATORY INFORMATION

<b>International regulations</b>	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.
<b>US federal regulations</b>	US EPA TSCA 12(b): Does not contain listed chemicals.
<b>HMIS ratings</b>	Health: 0 Flammability: 1 Physical hazard: 0
<b>NFPA ratings</b>	Health: 0 Flammability: 1 Instability: 0
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>	
<b>Section 302 extremely hazardous substance</b>	No
<b>Section 311 hazardous chemical</b>	No
<b>Hazard categories</b>	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No



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## 16. OTHER INFORMATION

<b>Other information</b>	This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).
<b>Issue date</b>	Jan 12 2006 8:36PM
<b>Revision</b>	3
<b>Replaces sheet dated</b>	Nov 21 2005 10:33AM
<b>Disclaimer</b>	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.

### Explanation of abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds