



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name C9518Series
Version # 02
Issue date 01-Jul-2013
Revision date 13-Aug-2013
Product use Inkjet printing
CAS # N/A
Company identification Hewlett-Packard Company
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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

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

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.

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

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

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
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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.
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13. Disposal Considerations

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.
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15. Regulatory Information

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

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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