



Material Safety Data Sheet

1. Product and Company Identification

Material name CH122A
Version # 02
Revision date 15-Nov-2009
Synonym(s) ColorSpan 0901365-500 * ColorSpan 0901478-500
Company identification Hewlett-Packard Company
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2. Hazards Identification

Acute health effects

Skin contact Avoid contact with skin.
Contact causes skin irritation.

Eye contact Contact with eyes may result in mild irritation.

Inhalation Avoid breathing vapors or mists of this product.

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, eye contact and inhalation.

3. Composition / Information on Ingredients

Component/substance	CAS number	% by weight
Diethylene Glycol Monoethyl Ether Acetate	112-15-2	60-100

4. First Aid Measures

First aid procedures

Eye contact In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Get medical attention immediately.

Skin contact In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Wash clothing separately before reuse.
If irritation persists get medical attention.

Inhalation Move person to fresh air immediately.
If symptoms persist, get immediate medical attention.

Ingestion Rinse mouth out with water.
For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.



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5. Fire Fighting Measures

Flash point and method	211 °F (99.4 °C);
Extinguishing media	
Suitable extinguishing media	CO2, water, dry chemical, or foam
Protection of firefighters	
Protective equipment and precautions for firefighters	Move containers from fire area if you can do it without risk.

6. Accidental Release Measures

Personal precautions	Avoid contact with skin. Avoid inhalation of vapors or mists. Do not touch or walk through spilled material. Ensure adequate ventilation. Use personal protective equipment to minimize exposure to skin and eye.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Small liquid spills: Flush area with flooding quantities of water.

7. Handling and Storage

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Wear personal protective equipment.
Storage	Keep containers tightly closed in a cool, well-ventilated place. Store away from strong oxidizers. Keep away from heat, sparks, and flame. Keep out of the reach of children.

8. Exposure Controls / Personal Protection

Personal protective equipment	
Eye / face protection	Wear safety glasses; chemical goggles (if splashing is possible). Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin protection	Wear appropriate chemical resistant clothing. Solvent-resistant gloves. The use of butyl rubber gloves is recommended.
Respiratory protection	Do not breathe dust/fume/gas/mist/vapors/spray. Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
General hygiene considerations	Do not get this material in contact with skin. Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Launder contaminated clothing before reuse.

9. Physical & Chemical Properties

Color	Clear
Odor	Solvent.
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	423 °F (217.2 °C)
Flash point	211 °F (99.4 °C);



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Evaporation rate	Not available.
Flammability	Not available.
Flammability limits in air, upper, % by volume	19.4 %
Flammability limits in air, lower, % by volume	0.9 %
Vapor pressure	0.133 hPa @ 20°C
Vapor density	> 1
Specific gravity	Not available.
Relative density	1.01 g/cm ³
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	680 °F (360 °C)
Decomposition temperature	Not available.
VOC	< 1000 g/L
Other information	VOC content (less water, less exempt compounds) = < 1000 g/L (U.S. requirement, not for emissions)

10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks. This product may react with oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Chronic toxicity	Repeated or prolonged exposure may cause irritation of eyes and skin.
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12. Ecological Information

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 in compliance with federal, state, and local regulations.
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14. Transport Information

IATA

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	All ingredients are listed or exempt
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



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Section 302 extremely hazardous substance No
Section 311 hazardous chemical No

16. Other Information

HMIS® ratings Health: 1
Flammability: 1
Physical hazard: 0
Personal protection:

NFPA ratings Health: 1
Flammability: 1
Instability: 0

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Revision 2

Replaces sheet dated Oct 11 2009 3:05PM

Manufacturer information Hewlett-Packard
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MSDS sections updated 9. Physical & Chemical Properties: Other information

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