

CB305Series[C]-SDS\_UK-EU English-02.pdf

CB305Series[M]-SDS\_UK-EU English-02.pdf

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the preparation** CB305Series[C]  
**Version #** 02  
**Revision date** 12-Feb-2012  
**CAS #** Mixture  
**Company identification** Hewlett-Packard, Ltd.  
Cain Road, Amen Corner  
Bracknell, Berkshire, RG12 1HN  
Telephone 1 344 36-0000  
  
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  
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Poison Information Center 0207771 5307

## 2. HAZARDS IDENTIFICATION

### Acute health effects

#### Skin contact

*1-(2-hydroxyethyl)-2-pyrrolidone*  
Contact with skin may result in irritation.

*1,5-pentanediol*  
Contact with skin may result in irritation.

*Ethyl alkyldiol*  
Contact with skin may result in mild irritation.

#### Eye contact

*1-(2-hydroxyethyl)-2-pyrrolidone*  
Contact with eyes may result in irritation.

*1,5-pentanediol*  
Contact with eyes may result in irritation.

*Ethyl alkyldiol*  
Contact with eyes may result in mild irritation.

*Substituted phthalocyanine salt #5*  
Risk of serious damage to eyes.

#### Inhalation

*1-(2-hydroxyethyl)-2-pyrrolidone*  
Inhalation may result in respiratory irritation.

#### Ingestion

*1-(2-hydroxyethyl)-2-pyrrolidone*  
Ingestion may result in nausea, vomiting and diarrhea.

**Classification** Not classified.  
**Physical hazards** Not classified as a physical hazard.  
**Health hazards** Not classified as a health hazard.  
**Environmental hazards** Not classified as an environmental hazard.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
Water	7732-18-5	> 70	231-791-2	
1-(2-hydroxyethyl)-2-pyrrolidone	3445-11-2	2.5 - 5	222-359-4	
1,5-pentanediol	111-29-5	2.5 - 5	203-854-4	
Ethyl alkyldiol	Proprietary	2.5 - 5	Proprietary	
Substituted phthalocyanine salt #5	Proprietary	2.5 - 5	Proprietary	Xi;R41
Phenylenediamine derivative	Proprietary	1 - 2.5	Proprietary	

## 4. FIRST AID MEASURES

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## 5. FIRE-FIGHTING MEASURES

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## 6. ACCIDENTAL RELEASE MEASURES

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## 7. HANDLING AND STORAGE

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Not available.
<b>Physical state</b>	Liquid
<b>Form</b>	Not available.
<b>Color</b>	Cyan
<b>Odor</b>	Not available.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	Not available.

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## 10. STABILITY AND REACTIVITY

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## 11. TOXICOLOGICAL INFORMATION

<b>Serious eye damage/eye irritation</b>	Not available.
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## 12. ECOLOGICAL INFORMATION

<b>Aquatic toxicity</b>	LC50/96h/Fathead minnows =< 400 mg/L Static acute toxicity (trout), survival (100 mg/L) = 100% Static acute toxicity (trout), survival (10 mg/L) = 100%
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## 13. DISPOSAL CONSIDERATIONS

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## 14. TRANSPORT INFORMATION

### ADR

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### RID

Not regulated as dangerous goods.

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## 15. REGULATORY INFORMATION

### Labeling

**Contains** 1-(2-hydroxyethyl)-2-pyrrolidone, 1,5-pentanediol, Ethyl alkyldiol, Phenylenediamine derivative, Substituted phthalocyanine salt #5, Water

### Regulatory information

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.

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## 16. OTHER INFORMATION

### Wording of the R-phrases in sections 2 and 3

R41 Risk of serious damage to eyes.

### Disclaimer

DISCLAIMER: This [Material] Safety Data Sheet 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 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 was prepared to the requirements for and may not meet regulatory requirements in other countries.

### Issue date

12-Feb-2012

### 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

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Identification of the preparation** CB305Series[M]  
**Version #** 02  
**Revision date** 13-Feb-2012  
**CAS #** Mixture  
**Company identification** Hewlett-Packard, Ltd.  
Cain Road, Amen Corner  
Bracknell, Berkshire, RG12 1HN  
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Poison Information Center 0207771 5307

## 2. HAZARDS IDENTIFICATION

### Acute health effects

#### Skin contact

*1,5-pentanediol*  
Contact with skin may result in irritation.  
*2-pyrrolidone*  
Contact with skin may result in irritation.  
*Alkyldiol ethoxylate*  
Contact with skin may result in severe irritation.  
*Ethyl alkyldiol*  
Contact with skin may result in mild irritation.  
*Pyridine azo dye*  
May cause sensitization by skin contact.

#### Eye contact

*1,5-pentanediol*  
Contact with eyes may result in irritation.  
*2-pyrrolidone*  
Contact with eyes may result in irritation.  
*Alkyldiol ethoxylate*  
Contact can cause moderate to severe irritation and possible injury to the eyes.  
*Ethyl alkyldiol*  
Contact with eyes may result in mild irritation.  
*Pyridine azo dye*  
Contact with eyes may result in irritation.

#### Inhalation

*2-pyrrolidone*  
Inhalation may result in respiratory irritation.

#### Ingestion

*2-pyrrolidone*  
Ingestion may result in nausea, vomiting and diarrhea.  
*Alkyldiol ethoxylate*  
Ingestion may cause irritation of mouth, throat, nausea, vomiting and diarrhea.

**Classification** Not classified.

**Physical hazards** Not classified as a physical hazard.

**Health hazards** Not classified as a health hazard.

**Environmental hazards** Not classified as an environmental hazard.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
Water	7732-18-5	70 - 80	231-791-2	
Ethyl alkyldiol	Proprietary	7.5 - 10	Proprietary	

2-pyrrolidone	616-45-5	5 - 7.5	210-483-1	Xi;R36/38
Pyridine azo dye	Proprietary	2.5 - 5	Proprietary	R43, N;R51/53
1,5-pentanediol	111-29-5	1 - 2.5	203-854-4	
Alkyldiol ethoxylate	Proprietary	1 - 2.5	Proprietary	Xn;R21/22, Xi;R38-41, N;R51/53

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#### 4. FIRST AID MEASURES

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#### 5. FIRE-FIGHTING MEASURES

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#### 6. ACCIDENTAL RELEASE MEASURES

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#### 7. HANDLING AND STORAGE

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Not available.
<b>Physical state</b>	Liquid
<b>Form</b>	Not available.
<b>Color</b>	Magenta
<b>Odor</b>	Not available.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Flash point</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Viscosity</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Melting point</b>	Not available.
<b>Freezing point</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>VOC</b>	Not available.

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#### 10. STABILITY AND REACTIVITY

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#### 11. TOXICOLOGICAL INFORMATION

<b>Serious eye damage/eye irritation</b>	Not available.
<b>Sensitization</b>	Not a skin sensitiser. (OECD 429)

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#### 12. ECOLOGICAL INFORMATION

<b>Aquatic toxicity</b>	LC50/96h/Fathead minnows =<400 mg/L Static acute toxicity (trout), survival (100 mg/L) = 100% Static acute toxicity (trout), survival (10 mg/L) = 100% EC50/48h/daphnia =61 mg/L This magenta ink is classified for environmental effects according to EU Directive 1999/45/EC with R52/53.
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## 13. DISPOSAL CONSIDERATIONS

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## 14. TRANSPORT INFORMATION

### ADR

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### RID

Not regulated as dangerous goods.

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## 15. REGULATORY INFORMATION

### Labeling

**Contains** 1,5-pentanediol, 2-pyrrolidone, Alkyldiol ethoxylate, Ethyl alkyldiol, Pyridine azo dye, Water

**Regulatory information** 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.

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## 16. OTHER INFORMATION

**Wording of the R-phrases in sections 2 and 3** R21/22 Harmful in contact with skin and if swallowed.  
R36/38 Irritating to eyes and skin.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**Issue date** 13-Feb-2012

### 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