


# THE ECO DECLARATION



## Product environmental attributes – THE ECO DECLARATION


<b>Brand *</b>	<i>Hewlett-Packard</i>	<b>Logo</b> 
<b>Company name *</b>	<i>Hewlett-Packard Company</i>	
<b>Contact information *</b>	<i>Hans Wendschlag</i> <a href="http://www.hp.com/hpinfo/globalcitizenship/environment/contactemail.html">http://www.hp.com/hpinfo/globalcitizenship/environment/contactemail.html</a>	
<b>Internet site *</b>	<a href="http://www.hp.com/hpinfo/globalcitizenship/environment/">http://www.hp.com/hpinfo/globalcitizenship/environment/</a>	
<b>Additional information</b>	<i>NA</i>	

The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration.	
<b>Type of product *</b>	<i>Inkjet AIO</i>
<b>Commercial name *</b>	<i>HP Photosmart C4500 Series</i>
<b>Model number *</b>	<i>C4580, C4550, C4540, C4583, C4585, C4593, C4588, C4570, C4573, C4572, C4575, C4599, C4524</i>
<b>Issue date *</b>	<i>1-Aug-2008</i>
<b>Intended market *</b>	<input checked="" type="checkbox"/> Global <input type="checkbox"/> Europe <input type="checkbox"/> Japan <input type="checkbox"/> U.S. <input type="checkbox"/> Other
<b>Additional information</b>	

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The declaration may be published only when all rows and/or fields marked with a \* are filled-in (n.a. for not applicable).

Quality Control		Requirement met	
Item	Additional information regarding each item may be found under P14.	Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration	<input checked="" type="checkbox"/>	<input type="checkbox"/>
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see <a href="http://www.itforetagen.se">http://www.itforetagen.se</a> ).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Issue date *	1-Aug-2008	

Product environmental attributes - Legal requirements		Requirement met		
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
<b>P1 Hazardous substances and preparations</b>				
P1.1*	Products do not contain lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) as specified in <i>EU 2002/95/EC and its amendments</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.2*	Products do not contain Asbestos ( <i>EU 76/769/EEC, amendment 1999/77/EC</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide ( <i>EU : Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.4*	Products do not contain polychlorinated biphenyl (PCB), polychlorinated terphenyl (PCT), ( <i>EU 76/769/EEC</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.5*	Products do not contain short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP as specified in <i>Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) ( <i>EU 76/769/EEC</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.7*	Textile and leather parts with direct skin contact do not contain Azo colourants that split aromatic amines as specified in <i>EU 76/769/EEC, amendment 2003/3/EC</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives ( <i>EU 76/769/EEC</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations higher than specified in <i>76/769/EEC, amendment 94/27/EEC</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P2 Batteries</b>				
P2.1*	If hazardous batteries (as defined in <i>91/157/EEC</i> ) are used in the product they are easily removable and labelled with the disposal and the substance logo (as defined in <i>91/157/EEC, 93/86/EEC</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P2.2*	If batteries are used in the product they do not contain mercury in concentrations higher than specified in <i>91/157/EEC</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P2.3*	If batteries are permanently installed in the product, information on the environmentally hazardous substances and safe removal method is listed in the user manual ( <i>91/157/EEC</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P3 Electrical safety, EMC and connection to the telephone network</b>				
P3.1*	The product meets the Low Voltage Directive (LVD) regarding electrical safety ( <i>73/23/EEC &amp; 93/68/EEC</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.2*	The product meets the EMC Directive regarding electromagnetic compatibility ( <i>89/336/EEC / 2004/108/EEC after June, 20<sup>th</sup> 2007</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it meets the EU R&TTE Directive ( <i>1999/5/EC</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P3.4*	The product is CE-marked and a Declaration of Conformity is available ( <i>93/68/EEC</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P4 Consumable materials</b>				
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium in concentrations higher than specified in ( <i>76/769/EEC and 91/338/EEC</i> )	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P4.2*	If ink/toner is used in the product, it does not contain cadmium in concentrations higher than specified in ( <i>76/769/EEC and 91/338/EEC</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to EU Directive 1999/45/EC, and as amended, the product/packaging is labelled and a Material Safety Data Sheet (MSDS) in accordance with ( <i>99/45/EC &amp; 2001/58/EC</i> ) is available.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P5 Product packaging</b>				
P5.1*	The sum of the concentration levels of lead, cadmium, mercury, and hexavalent chromium present in packaging or packaging components does not exceed 0,01% by weight ( <i>94/62/EC</i> ).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043. ( <i>97/129/EEC</i> )	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P5.3*	The product packaging material is free from CFC/HCFC.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>P6 Treatment information</b>				
P6.1*	Information for recyclers/treatment facilities (e.g. as requested by 2002/96/EC) is available.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Issue date *	1-Aug-2008	

Product environmental attributes - Market requirements (continued)				Requirement met			
Item	* = mandatory to fill in. Additional information regarding each item may be found under P14.			Yes	No	n.a.	
<b>P10 Emissions</b>							
<b>Noise emission – Declared according to ISO 9296</b>							
P10.1	Mode	Mode description	Declared A-weighted sound power level $L_{WA(d)}$ (B)	Declared A-weighted sound pressure level $L_{pAm}$ (dB)			
				Operator position <input type="checkbox"/>	Bystander positions <input checked="" type="checkbox"/>		
				Desktop <input type="checkbox"/>	(only if product is not operator attended)		
				or Deskside <input type="checkbox"/>			
	Idle	* Ready	* 3.3 Bels(A)	20 dB(A)			<input type="checkbox"/>
Operation	* Printing	* 6.5 Bels(A)	51 dB(A)		<input type="checkbox"/>		
	Other mode						
	Measured according to: <input checked="" type="checkbox"/> ISO 7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with $L_{pAm}$ measurement distance m)						
P10.2	The product meets the acoustic noise requirements of the following voluntary program/s:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Chemical emissions from printing products</b>							
P10.3*	Test performed according to ECMA-328 standard <input type="checkbox"/> , other specify:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	The test covers: Dust <input checked="" type="checkbox"/> Ozone <input checked="" type="checkbox"/> Styrene <input checked="" type="checkbox"/> Benzene <input checked="" type="checkbox"/> TVOC <input checked="" type="checkbox"/>						
P10.4	The product meets the chemical emission requirements of the following voluntary program/s:				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Electromagnetic emissions</b>							
P10.5	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P11 Consumable materials for printing products</b>							
P11.1*	A Material Safety Data Sheet (MSDS) is available for the ink/toner preparation, even if not legally required (see P4.3).				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P11.2*	Paper containing recycled fibres that meets the requirements of EN12281 can be used.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P11.3*	2-sided (duplex) printing/copying is an integrated product function.				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>P12 Ergonomics for computing products</b>							
P12.1*	The computer system meets the ergonomic requirements of EN 29241-3, -7, -8 for CRT displays and EN-ISO13406-2 for flat panel displays.				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.2*	The product keyboard meets the requirements of ISO 9995 and EN 29241-4.				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
P12.3*	The computer input device meets the requirements of ISO 9241-9.				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>P13 Packaging and documentation</b>							
P13.1*	Product packaging material type(s): Corrugated paper	weight (kg): 0.57			<input checked="" type="checkbox"/>	<input type="checkbox"/>	
	Product packaging material type(s): Polystyrene-foam	weight (kg): 0.045					
	Product packaging material type(s): Polystyrene-bag	weight (kg): 0.022					
P13.2*	Product plastic packaging is halogen free (including PVC)				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.3*	User and product documentation do not contain chlorine bleached paper				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P13.4*	User and product documentation contain recycled paper				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>P14 Additional information</b>							
P10.1	Noise emissions data shown was collected using a similar product: Photosmart C4200 Series.						
P10.3	Chemical emissions data shown was collected using a similar product: Photosmart C4200 Series.						

P9		Energy consumption			
9.1		For the product the following power levels or energy consumptions have been measured:			
Mode	Power Consumption <sup>1</sup> (W)	Default Time Settings to Enter Energy Saving Mode (Min)			Reference Standard (test method)
<b>Operating</b>	18.9	Not Applicable			IEC 62301: Household electrical appliances - Measurement of standby power (Ver. 1.0) <sup>2</sup>
<b>Ready</b>	4.9	Immediately after Operating mode ends			ENERGY STAR <sup>®</sup> Product for Imaging products (Ver. 1.0)
<b>Sleep 1</b>	4.3	15			ENERGY STAR <sup>®</sup> Product for Imaging products (Ver. 1.0)
<b>Sleep 2</b>	Not Applicable	Not Applicable			ENERGY STAR <sup>®</sup> Product for Imaging products (Ver. 1.0)
<b>Off</b>	0.83	Not Applicable			ENERGY STAR <sup>®</sup> Product for Imaging products (Ver. 1.0)
<b>External Power Supply At No Load</b>	Not Applicable	Not Applicable			ENERGY STAR <sup>®</sup> Program for External Power Supplies (Ver. 1.0)

1. Reported power is the highest level for all standard voltages this product series/model is sold at worldwide.
2. Uses all basic test conditions and methods established by this standard procedure and adapts them to measuring this power mode. However, this procedure does not specify measurement of this power mode.
3. Definitions:
  - a. **Operating:** The power state in which the product is connected to a power source and is actively transferring data, as well as performing any of its other primary functions.
  - b. **Ready:** The condition that exists when the product is not producing output, has reached operating conditions, has not yet entered into any lower-power modes, and can enter Active mode with minimal delay. All product features can be enabled in this mode, and the product must be able to return to Active mode by responding to any potential input options designed into the product. Potential inputs include external electrical stimulus (e.g., network stimulus, fax call, or remote control) and direct physical intervention (e.g., activating a physical switch or button).
  - c. **Sleep:** The reduced power state that the product enters automatically after a period of inactivity. In addition to entering Sleep automatically, the product may also enter this mode 1) at a user set time-of-day, 2) immediately in response to user manual action, without actually turning off, or 3) through other, automatically-achieved ways that are related to user behaviour. All product features can be enabled in this mode and the product must be able to enter Active mode by responding to any potential input options designed into the product; however, there may be a delay. Potential inputs include external electrical stimulus (e.g., network stimulus, fax call, remote control) and direct physical intervention (e.g., activating a physical switch or button). The product must maintain network connectivity while in Sleep, waking up only as necessary.
  - d. **Off:** The power state that the product enters when it has been manually or automatically switched off but is still plugged in and connected to the mains. This mode is exited when stimulated by an input, such as a manual power switch or clock timer to bring the unit into Ready mode. When this state is resultant from a manual intervention by a user, it is often referred to as Manual Off, and when it is resultant from an automatic or predetermined stimuli (e.g., a delay time or clock), it is often referred to as Auto-off.
  - e. **EPS No-Load:** The condition in which the input of a power supply is connected to an AC source consistent with the power supply's nameplate AC voltage, but the output is not connected to a product or any other load.

P9.2*	Information about the energy save function is provided with the product.	Yes	No	N/A
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
P9.3	The following product models qualify to the following voluntary programs: ENERGY STAR <sup>®</sup> Imaging Equipment Program (Version 1.0, Tier 1): HP Photosmart C4500 Series			

**NOTE:**

Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the [Enter] key.