

Product environmental attributes - THE ECO DECLARATION

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

Additional information regarding each item may be found under P14.

Brand *	Lexmark	Logo
Company name *	Lexmark International, Inc.	I DAZNA A DIZ
Contact information *	Nadia Martin (USA)	LEXM ARK _™
Internet site *	www.lexmark.se / www.lexmark.com	
Additional information		

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.						
Type of product *						
Commercial name *	Lexmark MS315dn					
Model number *	MS315dn					
Issue date *	February 20, 2014					
Intended market *	☐ Global ☐ Europe ☐ Asia, Pacific & Japan ☐ Americas ☐ Other					
Additional information						

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

Quality Control		Requireme	nt met
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration		
QC2 *	The company is a member of an eco declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔀	

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Product	environmental attributes - Legal requirements	Require	ment	met
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent	\boxtimes		
	chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See	_	_	
	legal reference and Note B1)			
P1.2*	Products do not contain Asbestos (see legal reference).			
	Comment: Legal reference has no maximum concentration value.			
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\boxtimes		
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-		_	
	trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum			
	concentration values.			
P1.4*	Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated			
	terphenyl (PCT) in preparations (see legal reference).			
P1.5*	Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in	\boxtimes		
	the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).			
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS),			\boxtimes
	Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference).			_
	Comment: Legal reference has no maximum concentration values.			
P1.7*	Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split			\boxtimes
	aromatic amines. (See legal reference and Note B1)			_
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as			\boxtimes
	pentachlorophenol and derivatives (see legal reference).		_	
	Comment: Legal reference has no maximum concentration values.			
P1.9*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5	\boxtimes		
	microgram/cm ² /week (see legal reference).		_	_
	Comment: Max limit in legal reference when tested according to EN1811:1998.			
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	\boxtimes		
	REACH Program Manager, HOD9237, 740 W. New Circle Rd., Lexington, KY 40550		_	
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains	\square	\neg	$\overline{}$
	more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be		ш	
	marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is			
	provided in user manual. (See legal reference)			
P2.2*	Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or	\boxtimes		
	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			
P2.3*	Batteries and accumulators are easily removable by either users or service providers (as dependent on the	• 🛛	\Box	
	design of the product). Exception: Batteries that are permanently installed for safety, performance, medical			
	or data integrity reasons do not have to be "easily removable". (See legal reference)			
P3	Safety, EMC connection to the telephone network and labeling			
P3.1*	The product complies with legally required safety standards as specified (see legal reference).	\square		
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal		一一	H
. 0.2	reference).	\bowtie	ш	ш
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies	; X	$\overline{}$	
1 0.0	with legally required standards for radio and telecommunication devices (see legal reference).		ш	ш
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\square	\neg	
	· · · · · · · · · · · · · · · · · · ·			
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see	\boxtimes		
D 4 0*	legal reference and Note B1).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	\boxtimes		
P4.3*	If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the			
	product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these			
	requirements is available (see legal reference).			
P5	Product packaging			
P5.1*	Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium an	d 🔀		
	hexavalent chromium by weight of these together.			
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	\boxtimes		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea	al 🔀	币	$\neg \Box$
	Protocol (see legal reference).			ш
	Comment: Legal reference has no maximum concentration values.			

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

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Produc	t environ	mental attributes - Market requirements - Environmental conscious de	esign	Requirer	nent r	net
Item	*=manda	atory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.
P6		nt information				
P6.1*	Informat	on for recyclers/treatment facilities is available (see legal reference).				
P7	Design					
		mbly, recycling				
P7.1*	Parts tha	at have to be treated separately are easily separable		\boxtimes		
P7.2*	Plastic n	naterials in covers/housing have no surface coating.				
P7.3*	Plastic p	arts >100g consist of one material or of easily separable materials.				
P7.4*	Plastic p	arts >25g have material codes according to ISO 11469 referring ISO 1043.		\boxtimes		
P7.5	Plastic p	arts are free from metal inlays or have inlays that can be removed with commonly a	vailable tools			
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).				
	Product	lifetime				
P7.7*	Upgradir	ng can be done e.g. with processor, memory, cards or drives		\boxtimes		
P7.8*	Upgradir	ng can be done using commonly available tools		\boxtimes		
P7.9.	Spare pa	arts are available after end of production for: 5 years				
P7.10	Service i	s available after end of production for: 5 years				
	Material	and substance requirements				

Material type: PC/ABS

mg

 \bowtie

, CAS #:

and max. mercury content per lamp:

Material type: HIPS

Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:

Chemical specifications of flame retardants in printed circuit boards >25g (without components):

All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See

Chemical specifications of flame retardants in printed circuit boards (without components) >25g according

Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in

Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,

P7.11

P7.12

P7.13

P7.14

P7.15

P7.16

P7.17

P7.18

P7.19

P7.20

P7.21

P7.22

P8

P8.1³

Product cover/housing material type:

Electrical cable insulation materials of power cables are PVC free.

Electrical cable insulation materials of signal cables are PVC free

All cover/housing plastic parts >25g are free from chlorine and bromine.

TBBPA (additive) ___, TBBPA (reactive) ___, Other; chemical name:

Comment: No legal limits exist, this is a market requirement.

Of total plastic parts' weight >25g, recycled material content is up to 6%.

Battery chemical composition: Lithium Manganese Dioxide, LiMnO2

Batteries meet the requirements of the following voluntary program/s:

Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:

R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)

, CAS #:

, CAS #:

Of total plastic parts' weight >25g, biobased material content is

Material type: ABS

ISO 1043-4: FR(16)

1. Chemical name:

2. Chemical name:

3. Chemical name:

Alt. 2

Batteries

concentrations above 0.1%:

FR(40), FR(17), FR(16), FR(50)

Light sources are free from mercury If mercury is used specify: Number of lamps:

Note B2)

Marking:

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

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Product ei	Product environmental attributes - Market requirements (continued) Requirement met						
Item						n.a.	
P9 Energy consumption							
9.1 For the product the following power levels or energy consumptions are reported:							
Energy mod	e *	Power level at 100 V AC	Power level at 115 V AC	Power level 230 V AC	at	Reference / Standard for energ modes and test method *	/
Printing		473 W	475 W	460 W		Corporate Standard	
Ready Mod	de	6.3 W	6.4 W	6.7 W		Energy Star I E V2.0	
Sleep Mode	•	2.4 W	2.4 W	2.5 W		Energy Star I E V2.0	
Hibernate N	Mode	0.3 W	0.3 W	0.4 W		IEC 62301	
Off Mode		0.00 W	0.00 W	0.00 W		IEC 62301	
		W	W	W			
charger plug	ower supply / gged in the wall	W	W	W			
the product.	sconnected from)						
PTEC * Typical Ener	rgy Consumption	W	W	W			
TEC * Typical Ener	rgy Consumption	1.6 kWh/week	1.6 kWh/week	1.7 kWh/week		Energy Star I E V2.0	
ETEC * Annual Ener	rgy Consumption	kWh/year	kWh/year	kWh/ye	ar		
Display reso	olution* : Me	gapixels	I				
Print Speed	* : 35 Images	s per minute				ISO 24734	
Default time	to enter energy sav	ve mode: 30 minutes				Energy Star I E V2.0	
P9.2*	Information about th	ne energy save functio	n is provided with th	e product.			
		the energy requiremer rersion: 2.0 Tier: Prod L-UZ 171			m/s:		
	Emissions					N L	
	Noise emission –	Declared according to	ISO 9296				
P10.1	Mode M	ode description		Declared A-weighted sound power		Declared A-weighted sound pressure level $L_{p m Am}$ (dB)	
				level L_{WAd} (B)		rator position Bystander position Desktop (only if product is no operator attended)	t l
l <u>L</u>		Ready		· 3.3		15	
Operation * Simplex Monochrome Print		e Printing	6.8		53		
•		Simplex/Duplex Print lode	ting, Quiet	6.4	50		
	Measured according	J 12	ECMA-74 (only if not covered	by ECMA-74 wit	th L _{pAr}	m measurement distance m)	
P10.2	The product meets	the acoustic noise req					

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Product	Requirement met			
Item		Yes	No	n.a.
	Chemical emissions from printing products			
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard , other specify: <i>RAL-UZ-122/RAL-UZ-171</i>			
P10.4	Typical emission rate (print phase) is (mg/h):			
	Dust <0.7 Ozone <0.06 Styrene <0.12 Benzene <0.03 TVOC 2.0			_
P10.5	Chemical emission requirements of the following voluntary program/s are met for : Dust Ozone Styrene Benzene TVOC			
	Electromagnetic emissions			
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:			
P11	Consumable materials for printing products			
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	\boxtimes		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.			
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	\boxtimes		
P12	Ergonomics for computing products			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			\boxtimes
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.			\boxtimes
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): Corrugated weight (kg): 1.58 Product packaging material type(s): Polystyrene, Expanded Product packaging material type(s): weight (kg): 0.2858 Weight (kg): 0.2858			
P13.2*	Product plastic packaging is free from PVC.	\boxtimes		
P13.3*	Specify media for user and product documentation (tick box): Electronic , Paper , Other			
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0%			
Rev. P13.5	User and product documentation do not contain chlorine bleached paper			
P14	Additional information (See Note B4)			
P1.1	This product uses RoHS exemptions for lead used in small amounts for specific applications.			
P2.1	The battery contained within this product should be disposed of properly with the product. The product is properly lab disposal symbol and instructions for such disposal is listed in the product User's Guide.	eled with	the W	/EEE
P2.3	The battery contained within this product meets the exception listed. The battery is not intended to be removed by the however, is designed for easy removal by recyclers and service providers.	e custom	er;	
P7.14	A small amount of bromine may be present in covers due to sourcing post consumer recycled content. No bromine was in the processing of these parts.	s intentio	nally d	idded
P7.20	Per IEEE 1680.2 PCR calculation			
P9.1	Print speed listed is A4 speed; Letter speed is 37 ppm.			
	Additional company information and company environmental policy may be found at http://lexmark.com/environme Specific printer and supply item recycling information for your area may be found at http://lexmark.com/recycle Lexmark Sweden is connected to REPA and El-kretsen	nt		

Note B4: 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.

Legal references Europe Annex B

Reference	Declaration item
2002/95/EC (ROHS Directive)	P1.1, P4.1
REACH, Annex XVII	P1.6, P1.8, P4.2
REACH, Annex XVII	P1.4
REACH, Annex XVII	P1.2
REACH, Annex XVII	P1.7
REACH, Annex XVII	P1.9
Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000	P1.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
2006/66/EC (Battery and accumulators Directive)	P2.1, P2.2, P2,3, P3.4, P8.1
2006/95/EC (Low Voltage Directive)	P3.1, 3.4
2004/108/EEC (New EMC Directive)	P3.2, 3.4
1999/5/EC (R&TTE Directive)	P3.3, 3.4
"REACH" Regulation (1907/2006), annex VII	P1.10
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P4.3
REACH article 31, annex II	P4.3
2004/12/EC (Directive on packaging and packaging waste)	P5.1
(97/129/EC) (Commission Decision on Identification System for Packaging Materials	P5.2
2037/2000/EC Regulation on Substances that Deplete the Ozone Layer	P5.3
2002/96/EC (WEEE directive)	P3.4, P6.1
(EC) No.1272/2008 regulation on classification, labeling and packaging (CLP)	P7.19