

## Restricted substances

Unit: mg/kg = ppm

Substances	CAS Number	Threshold Limit (ppm)	Description	Reference
lead (Pb)	7439-92-1	300	External cable	California Proposition 65
		1,000	All products and parts	- 2011/65/EU - 2005/618/EC - OSPAR
Cadmium (Cd)	7440-43-9	100	All products and parts	- 91/338/EEC - 2011/65/EU - 2005/618/EC - OSPAR
		0.002%	All Batteries	2006/66/EC
Mercury (Hg)	7439-97-6	1,000	All products and parts	- 2011/65/EU - 2005/618/EC - OSPAR
		0.0005%	All Batteries	2006/66/EC
		3mg/lamp	CCFL backlight	Acer Restricted
Hexavalent chromium (Cr <sup>6+</sup> )	18540-29-9	1,000	All products and parts	- 2011/65/EU - 2005/618/EC
The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium	7439-92-1 7440-43-9 7439-97-6 18540-29-9	100	All packaging	- 94/62/EC - 2004/12/EC
Polybrominated biphenyls (PBBs)	-	1,000	All products and parts	- 2011/65/EU - 2005/618/EC
Polybrominated diphenyl ethers (PBDEs), including deca-BDE	-	1,000	All products and parts	- 2011/65/EU - 2005/618/EC
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	All products and parts	(EU) 2015/863
Benzyl butyl phthalate (BBP)	85-68-7	1000	All products and	(EU) 2015/863

			parts	
Dibutyl phthalate (DBP)	84-74-2	1000	All products and parts	(EU) 2015/863
Diisobutyl phthalate (DIBP)	84-69-5	1000	All products and parts	(EU) 2015/863
Annex XVII of REACH, Restriction on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles	-	-	All products and parts	EC/1907/2006
Nickel (Ni)	7440-02-0	Release Rate 0.5µg/cm <sup>2</sup> /week	External surface on mobile computing product	- EC/1907/2006 - 94/27/EC
Brominated Flame Retardants (BFRs)	-	1,000	All products casing	Acer Restricted
Perfluorooctane sulfonates (PFOS)	1763-23-1	1,000	All products and parts	- 2006/122/EC - EC/1907/2006
Dimethyl fumarate (DMF)	624-49-7	0.1	All products and parts	- 2009/251/EC - EC/1907/2006
Diisopentylphthalate (DIPP)	605-50-5	1,000	All products and parts	EC/1907/2006
N-pentyl-isopentylphthalate (NPIPP)	776297-69-9	1,000	All products and parts	EC/1907/2006

<p>Separate concentration level of below 10 polycyclic aromatic hydrocarbons (PAHs)</p> <p>Benzo[a]pyrene</p> <p>Benzo[e]pyrene</p> <p>Benzo[a]anthracene</p> <p>Benzo[b]fluoranthene</p> <p>Benzo[j]fluoranthene</p> <p>Benzo[k]fluoranthene</p> <p>Chrysene</p> <p>Dibenzo[a,h]anthracene</p> <p>Benzo[g,h,i]perylene</p> <p>Indeno[1,2,3-cd]pyrene</p>	<p>50-32-8</p> <p>192-97-2</p> <p>56-55-3</p> <p>205-99-2</p> <p>205-82-3</p> <p>207-08-9</p> <p>218-01-9</p> <p>53-70-3</p> <p>191-24-2</p> <p>193-39-5</p>	0.5	All products and parts	GS Mark
Naphthalene	91-20-3	2	All products and parts	GS Mark
<p>The sum of concentration level of below 7 PAHs</p> <p>Acenaphthylene</p> <p>Acenaphthene</p> <p>Fluorene</p> <p>Phenanthrene</p> <p>Pyrene</p> <p>Anthracene</p> <p>Fluoranthene</p>	<p>208-96-8</p> <p>83-32-9</p> <p>86-73-7</p> <p>85-1-8</p> <p>129-00-0</p> <p>120-12-7</p> <p>206-44-0</p>	10	All products and parts	GS Mark
The sum of concentration level of above 18 PAHs	-	10	All products and parts	GS Mark
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	1,000	All products and parts	EC/1907/2006

1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	1,000	All products and parts	EC/1907/2006
Bis(2-methoxyethyl) phthalate	117-82-8	1,000	All products and parts	EC/1907/2006
Dipentyl phthalate (DPP)	131-18-0	1,000	All products and parts	EC/1907/2006
Dihexyl phthalate (DHP)	84-75-3	1,000	All products and parts	EC/1907/2006
Red-phosphorus (Red-P)	7723-14-0	1,000	Power cord	Acer Restricted
Sulfur	7704-34-9	1,000	Rubber material in the interior of system enclosure (Test method: US EPA 3052)	Acer Restricted