

EU 의 무역관련 환경기준



. EU

- 1.
- 2.

. EU

- 1.
- 2.
- 3.

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- 1.
- 2.

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- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
7. GMO(Genetically Modified Organism)
- 8.

.

1.

2.

.

1. (Directive 1999/94/EC)

2. ACEA

3. KAMA

4. JAMA

5. (Directive 2000/53/EC)

6. (COM(2003)67final)

7. (Directive 2000/14/EC)

8. (Directive 76/769/EEC)

9. (Directive 2002/61/EC)

10. (Directive 2003/3/EC)

11. WEEE (Directive 2002/96/EC)

12. RoHS (Directive 2002/95/EC)

13. (Directive 91/157/EEC)

14. White Paper (COM(2001)88final)

15. (Directive 94/62/EC)

16.

(COM (2002)780final)

. EU

1.

2.

. EU

1.

EU, 3
2002 EU 207
20.1%, 14.6% 13.3%
EU 가 10
(1991 ~ 2001) EU 8.6% 가
EU, ,
EU
EU
EU 가
EU
EU
EU
EU
EU
가 □ EU

. EU
 ,
 . ,
 ,
 .
 EU 가
 가
 . , EU
 EU
 .
 EU 가
 .
 EU
 .
 EU
 .

2.

EU
 가 ☐ ☐ ☐ ☐ ,
 가
☐ ☐ ☐ ☐ ,
 가

□ □ □ □ () .

, , (PPP) ,
가 □
,
1)
1991

가 .

1981 가

가
가

·
EC

30

가

·

가

·

· EU

1.

2.

3.

. EU

1.

EU



, , ,

, , , ,

, ,

. EU 가 가

,

,

Auto - Oil

99



가

.



PC

가

가

.

, ,

가

, ,

,

가

,

.

2.

EU

가 ,
가

가 ,
3 .
 , .

가

3.

EU 2002 1 23 EU .
(bio - diversity)
,
(polluter - pays - principle)
(Environmental Liability)
.

.

1.

2.

.

1.

EU
Label

1993

,

,

EU

EU

Eco -

.

.



.

.

EU

2003 3 20

, 2

30

EU

가

EU

, 2002 1

2004 12

EU

(Eco -

label work programm)

EU

, EU

EU

19

5

25~30

TV,

, 가 ,

5

, EU

4~5

(3)

EU

<	>
/	가
(NOx)	, , ,
-	, ,
-	, ,
-	, , ,
-	,
-	, , ,
-	, ,
- CFC	, ,
-	
- Lubricant oil charge	, , , ,
-	,
/	가
-	15
-	, , , , , , , , ,
-	, , , ,

-	15
-	
-	‘ ‘ ‘ ‘ ‘ ’ ’ ’ ’ ’ ’ ’

▪

1.

2.

3.

4. ☐

5.

6.

7. GMO(Genetically Modified Organism)

8.

.

1.

< >

		(,)
		가 , ,
	,	가
		가 ,
		가
		CE
	(, ,)	가 ,
	55 (, ,)	
.		300 ,

	(PC, , , , ,)	
	, , , , PC,	
	가	
	,	
	,	· · ,
	PCB PCB	

	PVC	PVC 가
	, ,	
	(, , / /),	
	, , , ,	

2.

가.

EU Auto - Oil
가 , ,
4 가

(1) 가

가 Directive 70/220/EEC 가
Auto - Oil 4 가 ,
 , 가
 . 98/69/EC 2005 ,
□ 99/96/EC 2008
가 .
EU 가 EU
가 98/70/CE
 . ,
2000 1 1 ,
2005 1 1 . 2005 1 1
 .

2000 1 1 가
150mg/kg, 350mg/kg, 2005 1 1 가
50mg/kg .

2002 5 11
2005 1 1 가
50mg/kg 10mg/kg
가 (35%/) .

EU Auto - Oil
2020 Auto - Oil II 가
, 1 Auto - Oil 가
2005 Auto - Oil II 2005
(2005 - 2010) 가 .

EU 2002/80/EC 가
가 OBD(on - board diagnostic) systems
. ,
5 , 8 km 가

(2) (Directive 1999/94/EC)

EU Directive 1999/94/EC 2001 1 18

○ □ , , □ , ,

○ .
○ .

○ .
○ 가 가 가
가 . 가 가
가 ,

○ ,
○ .
○ , 가
가 .

(3) CO2

.
(80%가) EU
1/3 .
가 .

EU 1995 가

CO2 ,

1996 6 CO2
 . CO2 CO2
 2005 (2010) 186g/km
 120g/km ,
 , CO2
 (, ,)

(ACEA), (KAMA)
 (JAMA) ()

3)

- EU 2008 ~ 2012
 6 가 1990 8%
- 2008 EU
 140g/km , 2010 120g/km
 가
- ACEA, JAMA, KAMA
 ,
- 2004 CO2
 1km 165~170g
-

< CO2 >

	ACEA	KAMA	JAMA
165 - 170g/Km	2003	2004	2003 165 - 175g/Km

140g/Km	2008 (95 25%)	2009 (95 25%)	2009 (95 25%)
2012 가	2003	2004	2003

CO2 2000 95 ~99
1
4) 2001 7 2 , 2
5)

(4) (Directive 2000/53/CE)

EU

가
2000 9 18 .
 , .
 .

○ 2002 7 1
2007 1 1 .

○ .

가 ,
가 .

○ 가 가 , , 가 .

- 75%()가 (recycling)
2006 85%(
) , 2015 95% .
- 2003 7 1 , , ,
6 가 가
2005 12 31
(2002.3.6) .

EU

가 가 EU

.

(5) 6)

EU

8 , 30 가 .

EU

.

.

2001 12 EU

EU/ /

.

.

- 2004 가
2008

.

○ Rigid Bull Bar (M1) (N1)
(EEVC)가

2007 ,

2009~2011 .

○ , , ,

가 .

○ 2005 7 35km
2010 40km .

, 2002 6 EU 2010
50%

(COM(2003)67final)

, .

○ : 2.5 (M1) 2.5 (N1)

○
- 2005 10 1 ANNEX I 3.1 3.2
EU

- 2010 9 1 ANNEX I 3.2
EU

- 2012 12 31 ANNEX I 3.1 3.2
EU ⁷⁾

○ , 2004 7 1 ,

○ 2003 12
31

EU 가
2004 7 1 ABS ,
ICT()
□ , 2003 10
. ,
. 가
3
EU 93 10
HC, NOx 가
97 1 □ . 97
(Directive 97/24/EC) 가 2003 2006
. 1
2003 4 1
4 - stroke
60% 2 -
stroke 30%, 70%
가
2003 .
2 2006 1 1 ,
2 2006
2003 .
EU 2002 (Directive 2002/51/EC)
. 1 150 cm³

가 4 ,
 150 cm³ 가 2 4 2006 6
 .

가
 , , 1997 7
 가
 2003 12 42%, 67%
 (95).

CE , CE
 , EU 2000 2 ,
 , , , ,
 55 ,
 . , 19
 ,
 36 .

(1) 가

EU 97/68/EC 2000/25/EC ,
 , , 가
 CO, HC, NOx 가 1 (99
 3), 2 (2003 12 31)
 (20 cm³, 225 cm³)
 7 , 1 (2004.8.11), 2 (2008.8.1)
 .⁸⁾

EU Directive 2002/88/EC 2004
가

(2) 가

EU 2003 1 14 , 97/68/EC

가 15

9)

EU

(

)

○ 2 , 1 (Stage IIIA)
2005.12.31 ~ 2007.12.31 CO
3.5 ~ 5.0g/kWh, HC NOx 4.0 ~ 4.7g/kWh,
PT 0.2 ~ 0.4g/kWh
30%

○ 2 (Stage B) PT
2010.12.31 ~ 2011.12.31 0.025g/kWh

10),

90% 가

○

CO 5.0g/kWh, HC
NOx 7.2 ~ 11.0g/kWh, PT

0.2 ~ 0.5g/kWh

2006.12.31 ~ 2008.12.31

- 2006 PT , 가
(alignment)

(3) (Directive 2000/14/EC)

EU 2000/14/EC 55
EU
9
2000/14/EC 9
, 19
55 2
6
(, , ,)
(,), ()
55 가
19

- builders' hoists for the transport of goods
- compressors(<350kW)
- concrete - breakers and picks, hand - held
- construction winches(combustion - engine driven)
- dozers(<500kW)
- excavators, hydraulic or rope - operated (<500kW)
- excavator - loaders(<500kW)

- graders(<500kW)
- landfill compactors, loader - type with bucket(<500kW)
- lawnmowers(excluded are agricultural and forestry devices, the main motorized component of which has an installed power of more than 20kW)
- lawn trimmers/lawn edge trimmers
- lift trucks(only combustion-engine driven counterbalanced lift trucks)
- loaders(<500kW)
- motor hoes(<3kW)
- mobile cranes
- power generators(<400kW)
- tower cranes
- welding generators

CE

36

- brush cutters
- builders' hoist for the transport of goods (with electric motor)
- building site band saw machines
- building site circular saw benches
- chain saws, portable
- combined high pressure flushers and suction vehicles
- compaction machines(excluding towed rollers)
- concrete or mortar mixers
- construction winches(with electric motor)
- conveying and spraying machines for concrete and mortar

- conveyor belts
- cooling equipment on trucks
- drill rigs
- equipment for loading and unloading tanks or silos on trucks
- equipment for loading and unloading tanks or silos on trucks
- glass recycling containers
- grass trimmers/grass edge trimmers
- hedge trimmers
- high pressure flushes
- high pressure water jet machines
- hydraulic power pack
- joint cutters
- leaf blowers
- leaf collectors
- paver - finishers
- pipelayers
- piste caterpillars
- power sweepers
- refuse collection vehicles
- road milling machines
- scarifiers
- shredders/chippers
- snow - removing systems with rotating tools(self-propelled, excluding attachment)
- suction vehicles
- trenchers
- truck mixers
- water pump units(not for use under water)

3.

가
()가

가. Azo
(Directive 76/769/EEC, Directive 2002/61/EC, Directive 2003/3/EC)

EU 300
가

(Azo - dye) 가
arylamine

EU

EU (Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations) 2002 9 11 2003 1 9
. 2002 9 EU (2002/61/EC)

가
aromatic amines

30ppm
30ppm

2005 1 1
70ppm amines 가

, 2003 1 (2003/3/EC)
가 ,
2003 12 31 □
2004 6 30 . ANNEX I
22 List of aromatic amines ,
List of azo - dyes . EU

○ , , , , 가 , , ,

○ , , , , , /
가 , , 가

○ /가 /가

○
EU

○
○ , , ,
○ ,
○ , , 가 ,
○
○ (rucksacks)
○ ,
○ , ,

, , T -
 , 1998 10 ,
 T - 1996 , (
 ,) 1999 3 .

(1)

EU 1999/178/CE(1999.2.1)

.
 , 90%
 (fibres textiles) , 90%
 (fibres textiles)
 () . ,
 가

○

- 1.5mg/kg
 -
 1kg 1g

○

- aldrine, captafol, chlordane, DDT, dieldrine, endrine,
 heptachlore, hexachlorobenzene,
 hexachlorocyclohexane, 2,4,5 - T, chlordimeforme,
 chlorobenzilate, dinosebe ,
 monocrotophos 0.05ppm

○

- 1000ppm .
- diisocyanates
- 1kg 5mg .

○

- DCO COT 가 75%,
95% , .

○

- hexachlorocyclohexane, b - hexachlorocyclohexane, lindane, a - hexachlorocyclohexane, aldrine, dieldrine, endrine, p,p' - DDT, p,p' - DDD 0.5ppm .
- propetamphos, diazinon, dichlofenthion, fenchlorphos, chlorfenvin - phos 2ppm .
- cyhalothrine, cypermethrine, deltamethrine, fenvalerate 3ppm .
- 1 kg DCO 60g DCO 75% .
- DCO 1kg 5g pH 6~9 , 40 .

○ (, lyocell, ,)

- AOX 250ppm .
- 가 1kg 160g, 30g .
- 1g/Kg .
- cupro 0.1 ppm .

○

- (monomere) N2O 1kg 1g .

○

- 300ppm .
- COV() 1kg 1.2g .

○

- 가 .

○

- 90% .
- 95% .

- 1ppm
- TCP PCP
 - tetrachlorophenol pentachlorophenoldl
- formic aldehyde
- (Charge)
 -
- - alkylphenoethoxylates(APEO), DTDMAC, DSDMAC, DHTDMAC, EDTA
 - 95%가
- - AOX 40mg/Cl/Kg
 - 100mgCl/kg
- - As
 - 50ppm, Cd 20ppm, Cr 100ppm, Cu 250ppm, Hg 4ppm, Ni 200ppm, Pb 100ppm, Sb 50ppm, Sn 250ppm, Zn 1500ppm

- - As 50ppm, Cd 50ppm, Cr 100ppm, Hg 25ppm, Pb 100ppm, Sb 250ppm, Zn 1000ppm .

- - , potassium bichromate 1.8%, sodim bichromate 1.5% , 1% .

- : , ,
 - 20% 7% .
 - 75mg Cu/kg(), 50mg Cr/kg. 75mg Ni/kg .

-
- , , (Solvent Yellow 1, Solvent Yellow 2, Solvent Yellow 3, Basic Red 9, Disperse Blue 1, Acid Red 26, 67/548/CEE R45, R46, R60)

- 가 (Disperse Blue 3, Disperse Blue 35, Disperse Blue 106, Disperse Blue 124, Disperse Yellow 3, Disperse Orange 3, Disperse Orange 37/76, Disperse Red 1)

-

○

- 5% COV 가 .
- .

○ Formaldehyde

- 2 Formaldehyde 30ppm,
75ppm,
300ppm .

○

- DCO 25g/kg
- pH 6~9, 40 .

.

○ (76/679)

○ 가 (793/93)

○ (94/67)

○ (91/271)

○ (2000/76)

○ (94/67)

4. ☐

☐

, 가

.

(89/336/EEC,

,

,

■

가 가
1980

가

, EU

1996

1

Compatibility:

EMC,

Directive

■

,

,

,

,

,

,

1999

6

EU

EU

•

■

,

,

,

5

가

가

(EACEM)

EU

. EU 5 .

, TV VCR 2000 1
10
가 . , 가
6

. ,
(IRD : Intergrated Receiver Decorders)
IRDs, IRDs, IRDs
3 , .

2001 1 1 0.5 , 2003 1 1 0.1
.

EU

가 .

1999
EU .

.
 , 가 10
가 . 1996 10
EU 가 ,
10
 , CE
.
 가

(1)

EU 가 1998 가 ,
EU 2003 2 13 EU EU 가
· ‘ □ (WEEE , Directive 2002/96/EC) ‘ □
(RoHS, Directive 2002/95/EC)’
· WEEE □ 가
(collection) (recycling)
·
□ 가
2008 1 1 .
EU 가
□ WEEE
가 (disposal)
·
·

(2)

EU □ 4% ,
5 16~28% 가 가 3
가 가 가
· □
가
□
가 ,
5
·

☐

WEEE

,

(recyclability)

.

EC

,

.

90%

,

(depollution)

.

(3) ☐

(WEEE , Directive 2002/96/EC)

EU

☐

☐

(WEEE)

☐

☐

☐

가

☐

.

,

☐

(recovery),

(re - use)

(recycle)

☐

EU

가 가

.

<

1>

2006

1

1

가

,

,

.

< 1 > EU ()

	()	()
--	-----	-----

가	80	75	90	85
가	60	50	70	60
	60	50	70	60
	60	50	70	60
	60	50	70	60
(CRT)	75	65	85	70
CRT	75	70	80	75
	-	-	90	85
	..	-	..	60
	..	-	..	60

: EU Official Journal

: 1) () EU

EU

2)

3) - , ...

WEEE 가 ,

가 가

(가)

○ 가
13

가 가

2005 8

가

○

가

○

○ 2006 12 31 가 가

4kg

○ 2008 12 31

○ WEEE

, 2005 8 13



(symbol, AnnexIV)

()

○ 가 10 ¹¹⁾

○ 2006 12 31 2008 12 31

2006

¹²⁾¹³⁾

, 2

2008

12 31

EU

가

()

○ 2005 8 13

가

○ 2005 8 13

○ 8

가

10

○

()

○ 가 , , .

○ PCB , ,
(:), , , ,
, CFC, HCFCs, HFCs

15

○ , , 가
, .

- :
-

: 가 가 , .
가 EU .

- 가 :

()

○ 2004 8 13 ,
.

()

○ □ 10 EU
3 EU

()

○ 1,000V AC 1,500V DC
가 .
가 , 가 , IT
, 가 , ,
/ / , ,

- slot machine

(RoHS, Directive 2002/95/EC)

95



,

.

.

○ 2006 7 1 , , , 6 가 , PBB
PBDE(6)
(New) 

○ 8 ¹⁴⁾ , 2006 7 1


○ EU 2005 2 13

,

가

,

○ EU 2004 8
13 .

○ ,
2006 7 1

10 가 가 .

가

1. (compact fluorescent lamp) 5mg

2. (straight fluorescent lamp)

- halophosphate 10mg

- triphosphate 5mg
- triphosphate 8mg

3.

4. Annex

5. (cathode ray tube), (electronic component), (fluorescent tube)

6. 0.35% ,
0.4% ,
4%

7.

- (, 85%)
-)
- server storage, storage array system (2010)
- switching, signalling, transmission
- ())

8. (substances and preparations)
91/338/EEC 76/769/EEC

9. absorption refrigerator carbon steel
Hexavalent chromium

10. 가

- Deca BDE
-
- switching, signalling, transmission
- (light bulb)

. HCFCs() CFCs()

EU
 HCFCs() CFCs()
 2015

(1) HCFC

- fixed 100kw : 2003 1
- reversible : 2004 1
- : 2010 1
- 가 : 2001 1

(2) CFCs(HCFCs 가)

- : 2001

(1) (Directive 91/157/EEC)

- 1999 1 1 ,
0.0005%
- 1992 9 18
(cell) 25mg ,
0.025% ,
0.4%

(2)

(Directive 67/548/EEC)

•

(European Inventory of Existing

(existing) EINECS (new)

45

■

가

■

■

■

,

· (Directive 676/769/EEC)

1978 2 3 (1976 8 3 18
)
(substances and preparation)
· (R&D), (carriage),
가 . ANNEX I PCB,
PCT, , , , , ,
, ANNEX II ,
PCB, PCT .

· (REACH)

(1)

EU 2001 2 (81 9)
가
(White Paper) .

(REACH: Registration, Evaluation and
Authorization of Chemicals)

, 가 . 2002 5
EU , ,

가 ,
가 .

(2) REACH

REACH

가
(100,100) 1981 10kg (2,700)
□ , 1
30,000

가

(3) REACH

1 □
100
○
5
○ □
가
○ □
가

labelling (safety data sheet)

○

○

EU

○

○ OECD

EU

Rotterdam

Convention

UNEP

12

(POPs)

2003

3

가

(4)

(가) (Registration)

1

(30,000

,

80%)

database

,

() 가(Evaluation)

가 EU

100

(500

15%

)

,

가 100 가
 . 가 □
 .
 () (Authorization)
 , EU
 □ □ □ (CMRs)
 가 (Persistent Organic Pollutants:
 POPs) (1400 , 5%)
 가 .

(5)

EU REACH .

가 .
 , ,
 , ,
 , , ,
 .

6.

EU

EU

□ □

1998 1 1

EU (marking system) (ISO)

가 EU

가. 16) (Directive 94/62/EC)

(1)

1994 12 31

2001 6 30

(recovery) 50 ~ 65%, (recycling)

25 ~ 45%(15%)

가

1997 12 31 ,
 (Annex II)
 , , , ,
 . , ,
 98 1 2001 6 30
 100ppm/g .

(2)

EU
 EU [COM(2001)729] 2001 12
 7 . EU 2006 6
 30
 (recovery) 60 ~ 75%, (recycling) 55 ~ 70%
 , (material)
 () 15%() 60%,
 55%, 50%, 20% .
 2002 9 3 1
 (recycling) 가
 EU 가 55% 65% ,
 .
 30 2008 12 31 가 2002 6
 .

○ ‘ 3

○ ‘ (Whereas the operators
in the packaging chain as a whole) Annex II

(accept their share of the
responsibility to improve environmental
progress)’

○ : ‘ 2004 1
1 가
가
(new
packaging)

가
1kg 1.33 ,
2.92 , 가
10%
가 1/3, 가 50%
0.25 가

7. GMO(Genetically Modified Organism)

EU

가. GMOs (Directive 2001/18/EC)

2002 10 17 EU , 가
GMOs
(consent)

○ (notifier)
(notification) 30
EU

○ 가 ,

○ 90 GMOs 가

가 (assessment report) EU
EU . EU
가 60 가
가 가 .

○ EU 120
(decision)

10 ,

98

EU GMOs
 , 가
 .¹⁷⁾

2003 3 EU 가
 GMOs

. GMOs (2002.7.3,
 1 , 2002.12.9 EU)

2002 7 EU 가 2001 7
 1 GMOs

.
 GMOs (business
 operator) GMOs ,
 GMOs 가
 GMOs
 . GMOs 가 DNA
 가(labelling)

가 , , ,
 . , , GMOs
 .

(adventitious threshold)
 가 1% 가 0.5%
 . non - GMOs
 GMOs

GMOs 5
10 .

2002 12 9 EU 가
GMOs 가 0.9%
(1%, 0.5%)
GMOs 0.5% 3
(1%, 0.5%) .

GMOs , EU
GMOs GMOs
GMOs
GMOs
GMOs 2

, .
 . (2001.1) GMOs
가 (2002.9.24,
1)

GMOs 3
(notification) 가
GMOs

GMOs ,
(GMOs) .

GMOs 가
(, EU
(BCH)) 가 focal point ,

,
 . 2002 9 4 1
(340)

가 가
 GMOs , ,
 가
 .
 GMOs 가
 EU
 , 가 GMOs
 가 가
 . (
 GMOs)

8.

가. 가 가 (SCCPs)
 EU 2002 7 6 EU (L 177) 1976
 EU (Directive
 76/769/EEC) , ,
 가
 SCCPs(short - chain chlorinated paraffins) 가
 EU 2004 1
 , SCCPs
 가 가
 . EU SCCPs
 , EU 가 1993

SCCPs

.

EU “ 2004
1 ”
가 SCCPs

가

.

SCCPs

,

,

4 가

.

○ PVC
○
○
○ ,
○ 가

.

○ 가 가 fat liquoring SCCPs 1%

○ . EU 가 .
○ 2003 7 6
2004 1
6

1993 3 "

가

"

가

가 SCCPs ,
1998 11 EU 가
SCCPs

.

2003 1 1
. EU

2003 EU

.

.

(1)

2002 11 (single hull
vessel) PRESTIGE
가 EU
(European Maritime Agency)

.

(2)

(COM(2002) 780 final)

(Heavy Grades of Oil)
EU

,

,

.

.

(가)

EU

18)

()

3

- 1 : pre - MARPOL ,
20000 30000
ballast 가
- 2 : MARPOL , 1
ballast
- 3 : 1, 2 5000
- 1 1982 , 2
1982 ~ 1996

- 1 2007 2005
23 .
- 2 2015 2010
28 .
- 3 2015 28 .

()

- 1,2 3
- ‘ 1 2005 , 2
2010 , ‘ 2005
15 , .
- EU
EU .

(3)

(COM(2003) 92 final)

(, ,)

EU

(4)

2003 3

,

가 .

가

,

가 .

. 2007

VOCs

EU 2003 1 14

,

(Directive 1999/13/EC)

(stack and fugitive emission limit value)

.

(1)

VOCs (HC) , 가 ,
 , ,
 가 .
 가 EU (110 μ g/m³/8h)
 (65 μ g/m³/24h)
 4
 EU VOCs
 , 2010 VOCs
 (Directive 2001/81,EU 6,510)
 VOCs 가 EU 2010
 VOCs 26%, 22%,
 14% .

(2)

VOCs ,
 2007 1 1 (Phase I) 2010
 1 1 (Phase II) 2 1
 (Product Subcategory) VOCs 50
 ~ 750g/ℓ 1 ,
 VOCs 200 ~ 850g/ℓ .
 108 ~ 157 ,
 580 (4 ~ 5)
 VOCs 50%, 280
 가 .

.

, , , 가
 70/157/EEC, 97/24/EC,

▪

1.

2.

▪

1.

가.

EU가 EU가

EU
가

가 EU EU 가

□가

9

EU 가

EU 가

EU 가

18 ~ 19

, 가

19%

, 1999

가 .

EU 가

☐

, EU

가

EU ☐

70%(2001)

EU WEEE

□
 EU □
 . , 가
 가
 (RoHS)
 EU WEEE .
 □
 가 .
 EU 가
 .
 가
 가 ,
 EU . , 가 ,
 . WEEE 1%, 2%
 가 가
 .
 ,
 가 2006 EU
 □ ,
 2 ~ 3 EU
 가 .
 □ 가 EU (98 70
 EU 38%) EU

□

EU

가가

10kg

1

□

가가

가

가

()

가

~

가

EU

가

□

가

EU

2.

EU

, 가 , 가

.

EU

가 .

가 .
(GM)

.

가 .

.

,

.

.

1. (Directive 1999/94/EC)

2. ACEA

3. KAMA

4. JAMA

5. (Directive 2000/53/EC)

6. (COM(2003)67final)

7. (Directive 2000/14/EC)

8.

(Directive 76/769/EEC)

9.

(Directive 2002/61/EC)

10.

(Directive 2003/3/EC)

11. WEEE (Directive 2002/96/EC)

12. RoHS (Directive 2002/95/EC)

13. (Directive

91/157/EEC)

14. White Paper (COM(2001)88final)

15. (Directive 94/62/EC)

16.

(COM (2002)780final)

1. (Directive 1999/94/EC)

2. ACEA

3. KAMA

4. JAMA

5. (Directive 2000/53/EC)

6. (COM(2003)67final)

7. (Directive 2000/14/EC)

8.

(Directive 76/769/EEC)

9.

(Directive 2002/61/EC)

10.

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12. RoHS (Directive 2002/95/EC)

13. (Directive
91/157/EEC)

14. White Paper (COM(2001)88final)

15. (Directive 94/62/EC)

16.
(COM (2002)780final)