ANNEX V
LIST OF PRESERVATIVES ALLOWED IN COSMETIC PRODUCTS

	eSubstan				Condition			Wording
number	Chemica name/ INN	l Name of Common Ingredie Glossary	nts	EC number	Product type, Body parts	Maximu concentrin ready for use prepara	ration	of condition of use and warnings
a	b	c	d	e	f	g	h	i
1	Benzoic acid and its sodium salt	Benzoic acid Sodium Benzoate	65-85-0 532-32-1	200-618-2 208-534-3		2,5 % (acid)		
					Oral products	1,7 % (acid)		
					Leave- on products	0,5 % (acid)		
1a	Salts of benzoic acid other than that listed under reference number 1 and esters of benzoic acid	benzoate, calcium benzoate, potassium benzoate, magnesiu benzoate, MEA-	2090-05-2 582-25-2, 553-70-8, 4337-66-0 93-58-3, 193-89-0, 2315-68-0 136-60-7, 120-50-3, 939-48-0,	202-284-3	4, 3, 2, 7, 3, 5,	0,5 % (acid)		
2	Propionic acid and its salts	Propionic acid, ammoniu	17496-08	201-176-2 - 2 41-503-7 4 223-795-8	7,	2 % (acid)		

		calcium	e137-40-6 m e, i	206-323-5	5,			
[FI]XI3	Salicylic acid and its salts	Salicylic acid	69-72-7	200-712-3	3	0,5 % (acid)	Not to be used in products for children under 3 years of age. Not to be used in oral products. Not to be used in applicatio that may lead to exposure of the end-	Not to be used for children under 3 years of age ¹
							user's lungs by inhalation	
		salicylate, magnesiu salicylate, MEA-	70-5, 54-21-7, 578-36-9, 2174-16-5	-0,42-669-3 261-963-2 200-198-0 209-421-0 218-531-3	3, 2,), 5,	0,5 % (acid)	Not to be used in products for children under 3 years of age, except for shampoos	Not to be used for children under 3 years of age]] ^b
4	Hexa-2,4- dienoic acid and its salts	Sorbic acid, calcium sorbate,	7492-55-9 7757-81-5	203-768-7 9231-321-6 5231-819-3 - 2 46-376-1	5, 3,	0,6 % (acid)		

		sodium sorbate, potassium sorbate	1					
F2								
F2								
6	Moved or	r deleted						
[F107	Biphenyl ol s	2)- Phenylph	90-43-7 enol	(-)		R(in)se- off Products	0,2 % (as phenol)	Avoid contact with eyes
					(b)	Læve- on products	0,15 % (as phenol)]	
F11	F11	F11	F11	F11	F11	F11	F11	
9	sulphites and hydrogen sulphites	ammoniu bisulfite, ammoniu sulfite, potassium sulfite, potassium hydrogen sulfite, sodium bisulfite, sodium metabisul potassium metabisul	10192-30 ml 0196-04 10117-38 m7773-03- 7631-90- 17681-57- 16731-55	7231-821-4 -033-469-7 -033-484-9 -233-321-7 -231-870-5 -231-548-6 -231-673-0 -840-795-3	7, 9, 1, 1, 0,	0,2 % (as free SO ₂)		
10	Moved or	deleted						
11	Chlorobu	t :f:ilol lorobu	táñoll 5-8	200-317-0	5	0,5 %	Not to be used in aerosol dispenser (sprays)	Contains Chlorobutano
[^{F12} 12	4- Hydroxyl acid and its	4- d ılıydio xyl acid methylpa	36457-19	202-804-9 202-785-7 - 2 53-048-1 - 2 40-830-2	7 1	0,4 % (as acid) for		

	Methyland Ethylesters, and their salts	ethylparal potassium paraben sodium	586285-68 1120-47-8 114-63-6 26112-07 189969-44 Den	0225-714-1 - 8 52-487-6 204-399-4 204-051-1 - 2 47-464-2 - 0 74-235-4	6 ((1	single ester 0,8 % (as acid) for mixtures of esters		
[^{F13} 12a	and its salts Propyl 4-	sodium	a9\&n 3-3 35285-69 a3\&457-20 38566-94 o&4930-16 i oen	202-318-7 202-307-7 - 2 52-488-1 - 2 53-049-7 - 8 54-009-1 - 2 84-597-5		0,14 % (as acid) for the sum of the individual concentrat 0,8 % (as acid) for mixtures of substances mentioned in entry 12 and 12a, where the sum of the individual concentrat of butyl- and propylpara and their salts does not exceed 0,14 %	application on the nappy area of children sunder althree years of age.	For leave-on products designed for children under other three years of age: 'Do not use on the nappy area']
13	3- Acetyl-6- methylpyr (3H)- dione	acid,	4418-26-2 16807-48	208-293-9, 2224-580-1 -0	(0,6 % (as acid)	Not to be used in aerosol dispensers (sprays)	3

	and its salts							
14	Formic acid and its sodium salt	Formic acid, sodium formate	64-18-6, 141-53-7	200-579- 205-488-0		0,5 % (as acid)		
15		4,44thionat ylenedioxy ine		3 99-116-4	4	0,1 %		
16	Thiomers	aThimeros	a\$4-64-8	200-210-4	4Eye products	0,007 % (of Hg) If mixed with other mercurial compound authorised by this Regulation the maximum concentration of Hg remains fixed at 0,007 %	ds d n,	Contains Thiomersal
17	Phenylme salts (including borate)	Mercuric	62-38-4, 94-43-9	200-532-: 202-331-:	5Eye 8products	0,007 % (of Hg) If mixed with other mercurial compound authorised by this Regulation the maximum concentration of Hg remains fixed at 0,007 %	ds d n,	Contains Phenylmercuric compounds

18	Undec-10 enoic acid and its salts	undecyler sodium undecyler calcium undecyler TEA- undecyler MEA-	6159-41-7 13398-33-2 1dt&22-14-7 84471-25 15t&532-40 nate,	7,222-264-8 2,215-331-8 1,282-908-9 - 0 ,60-247-7	3, 3,) ,	0,2 % (as acid)		
19	5- Pyrimidir 1,3- bis (2- ethylhexy hexahydr methyl-	namine, l)		205-513-5	5	0,1 %		
20		5- Bromo-5- nitro-1,3- dioxane		- 2 50-001-7	Rinse- off products	0,1 %	Avoid formation of nitrosami	
21	Bronopol	2- Bromo-2- nitropropa diol		200-143-0)	0,1 %	Avoid formation of nitrosami	
22	2,4- Dichlorol alcohol		elrīzījī1-82-8	3217-210-5	5	0,15 %		
23	1-(4- Chloroph (3,4- dichlorop urea ^f	enyl)-3-	odn01-20-2	202-924-1		0,2 %	<1 ppm 3,3',4,4'-	roazobenzene roazoxybenzer
24	Chlorocre	eqod Chloro- m- Cresol	59-50-7	200-431-6	to be used in products applied on mucuous membran	0,2 % es		
[^{F14} 25	5- Chloro-2- (2,4-		3380-34-	5222-182-2	2 (a)	T(ax)thpaste	9,3 %	

	dichlorop	henoxy)			Hand soaps Body soaps/ Shower gels Deodoran (non-spray) Face powders and blemish concealer Nail products for cleaning the fingernail and toenails before the application of artificial nail systems (b)	S S	h ≙ s%	
26	Chloro- xylenol	Chloroxy	l&8004-0	201-793-8	3	0,5 %		
27	N,N"- methylene '-[3- (hydroxyr		5-	-954-372-6	5	0,6 %		
[F1528	Polyhexar biguanide hydrochlo	biguanide	ውን የመጀመት 158 27083-27 28757-47 133029-3		7	0,1 %	Not to be used in applicatio that may lead to exposure of the end- user's lungs by	ns

							inhalation]
29	2- Phenoxye		t haa e99-6	204-589-7	7	1,0 %	
30	Methenan	n Me thenan	n 1:00 -97-0	202-905-8	3	0,15 %	
F2	'		1				
[F1632	1-(4- Chlorophe	enoxy)-1-	188083-17	-2 53-775-4	l(a)	Hajr lotions	0,2 %
	(imidazolyl)-3,3- dimethylb				(b)	"(b) Face c rea ms	0,2 % 0,2 %
	one t				(c)	F@nt	0,5 %
						care products]"
					(d)	Rinse- off shampoo	
33		DMDM n ldyddint6 jf midazolidi	ā -)229-222-8	3	0,6 %	
[F334	Benzyl alcohol ^g	Benzyl Alcohol	100-51-6	202-859-9)	1,0 %]	
35	methyl-6-	methyl-6-	46 8890-66	- 3 72-574-2 -4	Rinse- off products	1,0 %	
	(2,4,4- trimethylg 2- pyridon and its monoetha salt	(2,4,4- benitye)thylp 2- pyridon, Piroctone r@lamine	entyl)		Other products	0,5 %	
36	Moved or	deleted					
37	2,2'- methylene bromo-4- chlorophe	ebis(6-	dr54115+129	- 2 39-446-8	3	0,1 %	
38	4- Isopropyl m-cresol	o- -Cymen-5- ol		2221-761-7	7	0,1 %	

[F1739	methyl- isothiazol one and 2-	(and) Methyliso	(55265]i84	1220-239-0		0,0015 % (of a mixture in the ratio 3:1 of 5-chloro-2-methyliso 3(2H)-one and 2-methyliso (2H)-one)]	thiazol	
F2 F2								
42	diimino-2 tetraazate and its	Chlorhexi nyige&thle ,Chllonlexi nigekuuud Chlorhexi tDihydroc	&6027-42-3 itemidine dine		1 ,),	0,3 % (as chlorhexid	dine)	
43	1- Phenoxyp ol ^h		5 ∂∂Ω∂5 0 0	212-222-7	Only for rinse-off products	1,0 %		
[F18[X244	Alkyl (C 12-22) trimethyl ammonius bromide and chloride	chloride , cetrimoni bromide, cetrimoni chloride p, laurtrimon bromide, laurtrimon chloride, steartrimon bromide,	กษ์ที่สินิที-53 เม็ที-09-0, แท้เ2-02-7, กในเนื่-02-5, ภูทีเนินิค-02-1	200-311-3 203-928-0 4,214-290-3 203-927-0 1,214-294-3	5, 5,	0,1 %		

45	4,4- Dimethyl 5 Dimethyl-Q3azolidine oxazolidine		2 57-048-2	0,1 %	pH > 6	
46	N- Diazolidinyk (Hydroxyrhhthayl)- N- (dihydroxymethyl-1,3- dioxo-2,5- imidazolidinyl-4)- N'- (hydroxymethyl) urea		8 78-928-2	0,5 %		
47	Benzenecal hexamidant 4,4'- Hexamidint (1,6- diisethionat hexanediy Hexamidine (oxy))bis- paraben and its salts (including isethionate and p- hydroxybenzoate)	59-40-5, 3 ,841-83-	299-055-3	0,1 %		
48	Glutaraldefiyldtaral (Pentane-1,5-dial)	11-30-8	203-856-5	0,1 %	Not to be used in aerosols (sprays)	Contains glutaral ⁱ
49	5- 7- 7' Ethyl-3,7- Ethylbicyclo dioxa-1- azabicyclo [3.3.0] octane		231-810-4 line	0,3 %	Not to be used in oral products and in products applied on mucous membran	es
50	3-(p- Chlorpheness)- Chlorophenoxy)- propane-1,2 diol	944-29-0	203-192-6	0,3 %		
51	Sodium Sodium 70 hydroxym e acetate		2 74-357-8 nate	0,5 %	[F19]Not to be used if the maximum theoretica concentra	1

							of releasable formalded irrespective of the source, in the mixture as placed on the market is ≥ 0.1 % w/w]	ıyde,
52	Silver chloride deposited on titanium dioxide	Silver chloride	7783-90-0	5232-033-3	3	0,004 % (as AgCl)	20 % AgCl (w/w) on TiO ₂ . Not to be used in products for children under 3 years of age, in oral products and in eye and lip products	
53	N,N- dimethyl- N-[2- [2-[4- (1,1,3,3,-	n Etenazzethno n Chloride ylbutyl)pho			(b)	Rinse off products Leave- on products other than oral products		
54	chloride, bromide and	chloride, benzalkor bromide, abenzalkor	63449-41 1 2:11: 080-29 68989-01 1 6:84 24-85 1 6:8 391-01	5264-151-6 -293-522-5 -273-545-7 -270-325-2 -269-919-2 -263-080-8 -287-089-1	5, 7, 2, 1, 3,	0,1 % (as benzalkor chloride)	nium	Avoid contact with eyes

55	Methanol (phenylm		n1i 4648:6 0	- 2 38-588-8	Rinse- off products	0,15 %			
56	3- Iodo-2- propynylt	Iodopropy butylcarb outylcarbar	amate	- 6 59-627-:	(a) (b)	o(fff)	0,002t %6 0,000 lu%e,d 0,000751% and lip	(a)	Not to be used
						on products	products (a)	Not	for child
					(c)	Deo- dorants/ anti- perspirants	3	to be used in products f(05) and	unde 3 years of age ^k Not
								chijdren under 3 years of age,	to be used for child unde
								except in bath products/ shower gels	years of age ¹
							(b)	and shampoo Not	
								to be used in body lotion	
							(b) and	and body cream ^m Not	
							(c)	to be used in	
								products for children under 3	
								years of age	

rF7 <i>c</i> 7	2-	Mathylias	ብሬ የታን ከል ~	12 20-239-6	Dingo	0,0015 %			_
[^{F7} 57	Methyl-2 isothiazol one	H-			off products]			
[F4[F2058		y A rginate HCl	60372-77	-234-630-6	(a)	Ma)uthwas	h(eb)5 %	N(a) to be used in preparation for children under 10 years of age	Not to be used for ioughildrer under 10 years of age
					(b)	Qti) er products	Q(B)%	Not to be used in lip products, oral products (other than mouthwas and spray products]	·
[F5[X259]	acid, 2- hydroxy-, monohyd and 1,2,3-	r zie rate icarboxyli		460-890-5	5	0,2 %, correspon to 0,0024 % of silver	in oral		_
[^{F21} 60		Hydroxye Butanone henyl)buta		9 913 3-435-8	3	0,7 %]			_

Changes to legislation: There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council. (See end of Document for details)

- a [FI[XIF or uses other than preservative, see Annex III, No 98.]]
- **b** Solely for products which might be used for children under 3 years of age and which remain in prolonged contact with the skin.
- c [F2For use other than as a preservative, see Annex III, No. 13.]
- **d** For use other than as a preservative, see Annex III. No. 101.
- e For use other than as a preservative, see Annex III, No. 99.
- **f** For use other than as a preservative, see Annex III, No. 100.
- **g** [F3For other uses than preservatives, see Annex III, entry No 45.]
- h For use other than as a preservative, see Annex III, No. 54.
- i Only if the concentration exceeds 0,05 %.
- **j** For use other than as a preservative, see Annex III, No. 65.
- k Solely for products, other than bath products/shower gels and shampoo, which might be used for children under 3 years of age.
- 1 Solely for products which might be used for children under 3 years of age.
- m Concerns any products aimed to be applied on a large part of the body.
- **n** [F4For other uses than preservatives, see Annex III, entry No 197.]
- o [F5]X2For use other than as a preservative, see Annex III, No 287.
- **p** For use other than as a preservative, see Annex III, No 286.]]
- q [F6Methylisothiazolinone is also regulated in entry 57. The two entries are mutually exclusive: the use of the mixture of Methylchloroisothiazolinone (and) Methylisothiazolinone is incompatible with the use of Methylisothiazolinone alone in the same product.]
- r [F7Methylisothiazolinone is also regulated in entry 39 of Annex V in a mixture with methylchloroisothiazolinone. The two entries are mutually exclusive: the use of the mixture of Methylchloroisothiazolinone (and) Methylisothiazolinone is incompatible with the use of Methylisothiazolinone alone in the same product.]
- s [F8From 17 June 2019 cosmetic products containing Biphenyl-2-ol and not complying with those conditions shall not be placed on the Union market. From 17 September 2019 cosmetic products containing Biphenyl-2-ol and not complying with those conditions shall not be made available on the Union market.]
- t [F9For use other than as a preservative, see Annex III, entry 310.
- u From 27 November 2019 cosmetic products containing 1-(4-Chlorophenoxy)-1-(imidazol-1-yl)-3,3-dimethylbutan-2-one and not complying with those conditions shall not be placed on the Union market.
 From 27 February 2020 cosmetic products containing 1-(4-Chlorophenoxy)-1-(imidazol-1-yl)-3,3-dimethylbutan-2-one and not complying with those conditions shall not be made available on the Union market.]

Editorial Information

- X1 Substituted by Corrigendum to Commission Regulation (EU) 2019/1966 of 27 November 2019 amending and correcting Annexes II, III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Official Journal of the European Union L 307 of 28 November 2019).
- X2 Substituted by Corrigendum to Commission Regulation (EU) No 866/2014 of 8 August 2014 amending Annexes III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and the Council on cosmetic products (Official Journal of the European Union L 238 of 9 August 2014).

Textual Amendments

F1 Substituted by Commission Regulation (EU) 2019/1966 of 27 November 2019 amending and correcting Annexes II, III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).

- **F2** Deleted by Commission Regulation (EU) 2019/831 of 22 May 2019 amending Annexes II, III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F3** Substituted by Commission Regulation (EU) No 344/2013 of 4 April 2013 amending Annexes II, III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F4** Substituted by Commission Regulation (EU) 2016/1121 of 11 July 2016 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F5** Inserted by Commission Regulation (EU) No 866/2014 of 8 August 2014 amending Annexes III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and the Council on cosmetic products (Text with EEA relevance).
- **F6** Inserted by Commission Regulation (EU) No 1003/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F7 Substituted by Commission Regulation (EU) 2017/1224 of 6 July 2017 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F8** Inserted by Commission Regulation (EU) 2018/1847 of 26 November 2018 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F9** Inserted by Commission Regulation (EU) 2019/698 of 30 April 2019 amending Annexes III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F10** Substituted by Commission Regulation (EU) 2018/1847 of 26 November 2018 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F11 Words in Annex 5 Table omitted (15.10.2022) by virtue of The Toys and Cosmetic Products (Restriction of Chemical Substances) Regulations 2022 (S.I. 2022/659), regs. 1(2), 3(7) (with reg. 4(3))
- **F12** Substituted by Commission Regulation (EU) No 1004/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F13** Inserted by Commission Regulation (EU) No 1004/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F14** Substituted by Commission Regulation (EU) No 358/2014 of 9 April 2014 amending Annexes II and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- F15 Substituted by Commission Regulation (EU) 2019/831 of 22 May 2019 amending Annexes II, III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F16** Substituted by Commission Regulation (EU) 2019/698 of 30 April 2019 amending Annexes III and V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F17** Substituted by Commission Regulation (EU) No 1003/2014 of 18 September 2014 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F18** Substituted by Commission Regulation (EU) No 866/2014 of 8 August 2014 amending Annexes III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and the Council on cosmetic products (Text with EEA relevance).
- F19 Words in Annex 5 Table inserted (15.10.2022) by The Toys and Cosmetic Products (Restriction of Chemical Substances) Regulations 2022 (S.I. 2022/659), regs. 1(2), 3(8) (with reg. 4(3))

- **F20** Inserted by Commission Regulation (EU) No 344/2013 of 4 April 2013 amending Annexes II, III, V and VI to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).
- **F21** Inserted by Commission Regulation (EU) 2019/1858 of 6 November 2019 amending Annex V to Regulation (EC) No 1223/2009 of the European Parliament and of the Council on cosmetic products (Text with EEA relevance).

Changes to legislation:

There are currently no known outstanding effects for the Regulation (EC) No 1223/2009 of the European Parliament and of the Council.