

## List of Ingredients Restricted in Cosmetic Products

*This rule has been translated into English according to the original Chinese version. If there is any inconsistency or ambiguity between these two versions, the Chinese version shall prevail.*

No.	Chemical name	INCI name	CAS No.	Product type/Limit for the use	Maximum concentration	Restriction	Precautions (The precautions to be labeled as specified shall be provided in Chinese)
1	Allantoin <sup>(1)</sup>	Allantoin	97-59-6	(a)Leave-on products (b)Rinse-off products	(a)0.2% (b)0.5%		
2	Aluminum potassium bis(sulfate)	Potassium Alum	10043-67-1/ 7784-24-9		1%		
3	Alcloxa	Alcloxa	1317-25-5		1%		
4	Bismuth nitrate, basic	Bismuth subnitrate	1304-85-4		3%		
5	Urea	Urea	57-13-6	(a)Hair dye products (b)Other products	10% 5%		
6	Zinc 4-hydroxybenzene sulphonate	Zinc phenolsulfonate	127-82-2		2%		
7	Cantharides tincture/ Capsicum tincture/ Ginger tincture	-	-	Hair products	1%(total)		
8	Ascorbic acid, monoester with phosphoric acid, magnesium salt (2:3)	Magnesium Ascorbyl Phosphate	114040-31-2/ 113170-55-1		3%		
9	5-Hydroxy-2-hydroxymethyl-4-pyrone	Kojic Acid	501-30-4		2%		
10	2-O-alpha-D-Glucopyranosyl-L-ascorbic acid	Ascorbyl Glucoside	129499-78-1		2%		
11	4-Hydroxyphenyl-beta-D-glucopyranoside	Arbutin	497-76-7		7%	Impurity Hydroquinone ≤ 20ppm	
12	Sodium Ascorbyl Phosphate	Sodium Ascorbyl Phosphate	66170-10-3		3%		
13	2,3,7,8-Tetrahydroxy-[1]benzopyran-5,10-dione	Ellagic Acid	476-66-4		0.5%		
14	Chamomile ET	-	-		0.5%		
15	1,7,7-Trimethylbicyclo[2.2.1]-2-heptanone; Bornean-2-one	Camphor	464-49-3/ 76-22-2		3%		Products which might be used for children under 2 years of age(exception of rinse off products): "consult physician or pharma-

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							cist before uses to children under age 2 years of age.”
16	Menthol	Menthol	-				Products which might be used for children under 2 years of age(exception of rinse off products): “consult physician or pharmacist before uses to children under age 2 years of age.”
17	Methyl Salicylate	Methyl Salicylate	119-36-8		1%		Precautions ( exception of rinse off products ) : 1. Products which might be used for children under 2 years of age: “consult physician or pharmacist before uses to children under age 2 years of age.” 2. Methyl Salicylate shall does not exceed 1.8gm per day to prevent cause salicylate intoxications (such as dyspnea and other central nervous system poisoning; Consult physician or pharmacist before use with aspirin or salicylate idiosyncrasy
18	Arylsulfonamide–formaldehyde resin	Arylsulfonamide–formaldehyde resin	-	Nail products	25%		
19	Benzene, methyl-	Toluene	108-88-3	Nail products	25%		Keep out of reach of children.
20	Titanium dioxide <sup>(2)</sup>	Titanium dioxide	13463-67-7/ 1317-70-0/ 1317-80-2		25%	1. Titanium dioxide at a maximum concentration below 25% in cosmetic product (other than nano and spray	

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						<p>form) will be regulated as general cosmetic</p> <p>2. Cosmetic combined use of titanium dioxide and titanium dioxide (nano), the sum of concentration shall not exceed 25%.</p> <p>3. If the ingredient is used as sunscreen agent and the product is claimed or labeled with sun protection factor, the data of sun protection efficacy should be kept by cosmetic businesses as reference for competent authorities.</p>	
21	3-O-Ethyl Ascorbic Acid	3-O-Ethyl Ascorbic Acid	86404-04-8		2%		
22	Cyclohexanecarboxylic acid, 4-(aminomethyl)-, trans-	Tranexamic acid	1197-18-8		3%		
23	Benzoic acid, 2-hydroxy-4-methoxy-, monopotassium salt	Potassium Methoxysalicylate	152312-71-5		3%		
24	5,5'-Dipropyl-Biphenyl-2,2'-diol	Tetrahydromagnolol	20601-85-8		0.5%		
25	Cyclohexanecarboxylic Acid, 4-(Aminomethyl)-, Hexadecyl Ester, Hydrochloride, Trans-	Cetyl Tranexamate HCl	913541-96-5		3%		
26	$\alpha$ -Hydroxy acids(AHA)	-	-		pH $\geq$ 3.5; Rinse off products(shampoos or hair conditioner): when AHA concentration less than or equal to 3%, a pH as low as 3.2 to 3.5.	The Chinese National Standard 「Methods of Hygienic Test for Cosmetics - pH Value, Acidity and Alkalinity」 CNS number: 9036, Category Number: S2073.	1. Alpha hydroxy acids are prone to cause skin irritation, consumers shall pay attention to the following matters during use: (1) A consumer whose

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							<p>skin is sensitive, please take a skin sensitization test before use.</p> <p>(2) A consumer whose skin is damaged, wounded or inflamed shall not use the product.</p> <p>(3) Infants and children are inappropriate for using the product.</p> <p>(4) A consumer whose skin has abnormalities during use, please stop using it.</p> <p>(5) A consumer whose skin is persistently inflamed or occur adverse reactions after use, please consult a doctor immediately.</p> <p>(6) The product contains alpha hydroxy acids may increase the sensitivity of skin to sunlight and the possibility of sunburn.</p> <p>(7) A consumer shall use sunscreen, wear clothing which has protection function and shall keep away from sunlight within a week.</p>

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							2. Cosmetics contain alpha hydroxy acids and related ingredients, the content is not more than 10%, and the pH value of the product is not less than 3.5, the labels, leaflets or packaging may exempt from printing the preceding precautions for use when using these as pH adjuster.
27	1-Phenoxypropan-2-ol <sup>(3)</sup>	Phenoxyisopropanol	770-35-4	Rinse-off products (Not to be used in oral products)	2%		
28	Benzalkonium chloride, bromide and saccharinate <sup>(3)</sup>	Benzalkonium bromide/ Benzalkonium chloride/ Benzalkonium saccharinate	91080-29-4/ 63449-41-2/ 68391-01-5/ 68424-85-1/ 85409-22-9/ 68989-01-5	Rinse-off hair products	3% (as benzalkonium chloride) In the final products the concentrations of benzalkonium chloride, bromide and saccharinate with an alkyl chain of C 14, or less must not exceed 0.1 % (as benzalkonium chloride)		Avoid contact with eyes
29	Inorganic sulfites and bisulfites <sup>(3)</sup>			Oxidative hair dye products	0.67%(as free SO <sub>2</sub> )		
30	Pyrithione zinc <sup>(3)</sup>	Zinc pyrithione	13463-41-7	Leave-on hair products	0.1%		
31	Ethyl-N-alphadodecanoyl-L arginate hydrochloride <sup>(3)</sup>	Ethyl Lauroyl Arginate HCl	60372-77-2	(a) Soap (b) Anti-dandruff shampoos (c) Deodorants (not in form of spray)	0.8%		

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32	C16-alkyltrimethylammonium chloride <sup>(3)</sup> / C18-alkyltrimethyl ammonium chloride <sup>(3)</sup>	Cetrimonium chlorid/ Steartrimonium chloride	112-02-7/ 112-03-8	(a) Rinse-off hair products  (b) Leave-on hair products  (c) Leave-on face products	(a)2.5 % for the individual concentrations or the sum of the individual concentrations of cetrimonium chloride and steartrimonium chloride. (b)1% for the individual concentrations or the sum of the individual concentrations of cetrimonium chloride and steartrimonium chloride. (c)0.5% for the individual concentrations or the sum of the individual concentrations of cetrimonium chloride and steartrimonium chloride.		
33	C22-alkyltrimethylammonium chloride <sup>(3)</sup>	Behentrimonium chloride	17301-53-0	(a)Rinse-off hair products  (b)Leave-on hair products	(a)5% for the individual concentration of behentrimonium chloride or the sum of the individual concentrations of cetrimonium chloride, steartrimonium chloride and behentrimonium chloride, while at the same time respecting the relevant maximum concentration for the sum of cetrimonium chloride and steartrimonium chloride set out in entry 32. (b)3% for the individual concentration of behentrimonium chloride or the sum of the individual concentrations of cetrimonium chloride, steartrimo-		

No.	Chemical name	INCI name	CAS No.	Product type/Limit for the use	Maximum concentration	Restriction	Precautions (The precautions to be labeled as specified shall be provided in Chinese)
				(c)Leave-on face products	<p>onium chloride and behen-trimonium chloride, while at the same time respecting the relevant maximum concentration for the sum of cetrimonium chloride and steartrimonium chloride set out in entry 32.</p> <p>(c)3% for the individual concentration of behen-trimonium chloride or the sum of the individual concentrations of cetrimonium chloride, steartrimonium chloride and behen-trimonium chloride, while at the same time respecting the relevant maximum concentration for the sum of cetrimonium chloride and steartrimonium chloride set out in entry 32.</p>		
34	Thioglycolic acid and its salts <sup>(4)</sup>	Thioglycolic acid	68-11-1	Rinse-off hair products	2%(as thioglycolic acid)	pH:7-9.5	Contains thioglycolate; Read and follow the instructions; Keep out of reach of children
35	Potassium or sodium hydroxide <sup>(4)</sup>	Potassium hydroxide/ Sodium hydroxide	1310-58-3/ 1310-73-2	(a)Nail cuticle solvent  (b)Other use as pH adjuster	(a)5%	(b)pH<11	(a) Contains alkali; Avoid contact with eyes; Can cause blindness; Keep out of reach of children
36	Lithium hydroxide <sup>(4)</sup>	Lithium hydroxide	1310-65-2	Other uses as pH adjuster (rinse-off products only)		pH<11	
37	Calcium hydroxide <sup>(4)</sup>	Calcium hydroxide	1305-62-0	Other uses as pH adjuster, processing aid)		pH<11	
38	1,3-benzenediol <sup>(5)</sup>	Resorcinol	108-46-3	Hair lotions and sham-	0.5%		Contains resorcinol

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				poos			
39	Water-soluble zinc salts with the exception of zinc 4-hydroxy-benzenesulphonate and zinc pyrithione	Zinc acetate/ Zinc chloride/ Zinc gluconate/ Zinc glutamate	-		1%(as zinc)		
40	Verbena absolute ( <i>Lippia citriodora</i> Kunth.)	-	8024-12-2		0.2%		
41	Ammonium monofluorophosphate	Ammonium monofluorophosphate	20859-38-5/ 66115-19-3	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)	When mixed with other fluorine compounds, total fluorine concentration not exceed 0.15%	1. Non-pharmaceutical toothpaste with containing fluorine in a concentration of 0.1 to 0.15 % unless it is labelled as precautions for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimize swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.' 2. The amount of fluoride contained in non-pharmaceutical toothpaste should be indicated on the toothpaste tube.
42	Disodium fluorophosphate	Sodium monofluorophosphate	10163-15-2/ 7631-97-2	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
43	Dipotassium fluorophosphate	Potassium monofluorophosphate	14104-28-0	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
44	Calcium fluorophosphate	Calcium monofluorophosphate	7789-74-4	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
45	Calcium fluoride	Calcium fluoride	7789-75-5	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
46	Sodium fluoride	Sodium fluoride	7681-49-4	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
47	Potassium fluoride	Potassium fluoride	7789-23-3	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
48	Ammonium fluoride	Ammonium fluoride	12125-01-8	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
49	Aluminium fluoride	Aluminium fluoride	7784-18-1	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
50	Tin difluoride	Stannous fluoride	7783-47-3	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		

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51	Hexadecyl ammonium fluoride	Cetylamine hydrofluoride	3151-59-5	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
52	9-Octadecen-1-amine hydrofluoride	Octadecenyl-ammonium fluoride	36505-83-6	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
53	Disodium hexafluorosilicate	Sodium fluorosilicate	16893-85-9	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
54	Dipotassium hexafluorosilicate	Potassium fluorosilicate	16871-90-2	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
55	Ammonium hexafluorosilicate	Ammonium fluorosilicate	16919-19-0	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
56	Magnesium hexafluorosilicate	Magnesium fluorosilicate	16949-65-8	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
57	Magnesium fluoride	Magnesium fluoride	7783-40-6	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
58	3-Pyridinemethanol hydrofluoride	Nicomethanol Hydrofluoride	62756-44-9	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
59	3-(N-Hexadecyl-N-2-hydroxyethylammonio)propylbis(2-hydroxyethyl)ammoniumdifluoride			Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
60	N,N',N'-Tris(polyoxyethylene)-N-hexadecylpropylenediamine dihydrofluoride			Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
61	Magnesium fluoride	Magnesium fluoride	7783-40-6	Non-pharmaceutical toothpaste and mouth-wash	0.15%(calculated as F)		
62	Strontium chloride hexahydrate	Strontium chloride	10476-85-4	Non-pharmaceutical toothpaste and mouth-wash	3.5%(as strontium)	When mixed with other	1. Contains strontium chloride

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				wash			
63	Strontium acetate hemihydrate	Strontium acetate	543-94-2	Non-pharmaceutical toothpaste and mouthwash	3.5%(as strontium)	strontium compounds, total strontium content must not exceed 3.5 %	2. Frequent use by children is not advisable
64	Boric acid, borates and tetraborates with the exception of substance N,N-Dimethylanilinium tetrakis(pentafluorophenyl) borate	Boric acid	10043-35-3/ 11113-50-1	Non-pharmaceutical toothpaste and mouthwash	0.1%(as boric acid)	Not to be used in products for children under 3 years of age	1. Not to be swallowed 2. Not to be used for children under 3 years of age
65	6-Methylcoumarin	6-Methylcoumarin	92-48-8	Non-pharmaceutical toothpaste and mouthwash	0.003%		
66	Chlorates of alkali metals	Sodium chlorate/ Potassium chlorate	7775-09-9/ 3811-04-9	Non-pharmaceutical toothpaste	5%		

- (1) Allantoin: Shall be applied for registration when allantoin concentration over 0.2% up to 0.5% in leave-on products.
  - (2) Contains titanium dioxide in cosmetic product shall applied for registration if one of the following conditions applies:
    1. In case of use of titanium dioxide and titanium dioxide (nano), the sum concentration exceeds 25%.
    2. Contains titanium dioxide and used in sprays.
  - (3) For use as a preservatives, see 「List of Preservatives in Cosmetic Products」. If the purposes other than preservatives in the product, the business may determine whether it is necessary to print the purpose based on the attributes of the product. However, if the product endangers consumers' bodies and health because of not printing the purpose, the business shall assume related responsibility for its own.
  - (4) For use as a permanent wave agents, see 「List of Specific Purpose Ingredients in Cosmetic Products」.
  - (5) For use as a hair dye, see 「List of Specific Purpose Ingredients in Cosmetic Products」.
- ※ The outer packaging or containers of cosmetics shall conspicuously label the Precautions. If it cannot be labeled due to the surface area of outer packaging or container being too small or other special circumstances, said information shall be stated on the label, in the leaflet, or by other means.
  - ※ The "oral products" in the list means non-pharmaceutical toothpaste and mouthwash, and teeth whitening products.
  - ※ The claimed effect of products shall follow "Regulations Governing of Criteria for the Label, Promotion and Advertisement of Cosmetic Products Identify False, Exaggerated or Having Medical Efficacy".