**ANNEX III – PART 1**

List of Substances Which Cosmetic Products Must Not Contain Except Subject to RestrictionS and Conditions Laid Down

| **Ref #** | **Substance** | **Restrictions** | | | **Conditions of use and warning which must be printed on the labels** |
| --- | --- | --- | --- | --- | --- |
| **Field of application and/or use** | **Maximum authorised concentration in the finished cosmetic product** | **Other limitations and requirements** |
| **A** | **B** | **C** | **D** | **E** | **F** |
| 1a | Boric acid, borates and tetraborates with the exception of substance No 1184 in Annex II | 1. Talc 2. Products for all hygiene 3. Other products (excluding bath products and hair waving products) | 1. 5% (by mass/mass as boric acid) 2. 0.1% (by mass/mass as boric acid) 3. 3% (by mass/mass as boric acid) | 1. 1. Not to be used in products for children under 3 years of age   2. Not to be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (by mass/mass as boric acid)   1. Not to be used in products for children under 3 years of age 2. 1. Not to be used in products for children under 3 years of age   2. Not to be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (by mass/mass as boric acid) | 1. 1. Not to be used in products for children under 3 years of age   2. Not to be used on peeling or irritated skin   1. 1. Not to be swallowed   2. Not to be used in products for children under 3 years of age   1. 1. Not to be used in products for children under 3 years of age   2. Not to be used on peeling or irritated skin |
| 1b | Tetraborates | 1. Bath products 2. Hair waving products | 1. 18% (by mass/mass as boric acid) 2. 8% (by mass/mass as boric acid) | 1. Not to be used in products for children under 3 years of age | 1. Not to be used for bathing children under 3 years of age 2. Rinse well |
| 2a | Thioglycolic acid and its salts | 1. Hair waving or straightening products:     1. General use    2. Professional use 2. Depilatories 3. Other hair care products which are removed after application | * 1. 8% ready for use at pH 7 – 9.5   2. 11% ready for use at pH 7- 9.5   1. 5% ready for use at   at pH 7-12.7   1. 2% ready for use at pH 7-9.5   Percentages calculated as total thioacids, i.e., either singly (thiolactic acid or thioglycolic acid alone) or combination of thiolactic acid and thioglycolic acid in a given formula | 1. (b) (c)   The directions for use drawn up in the national or official language(s) must obligatorily incorporate the following sentences:   * Avoid contact with eyes * In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice. * Wear suitable gloves (a) and (c) only. | (a)   * Contains thioglycolate * Follow the instructions * Keep out of reach of children. * For professional use only.  1. and (c)  * Contains thioglycolate * Follow the instructions * Keep out of reach of children |
| 2b | Thioglycolic acid esters | Hair waving or straightening products:   1. General use 2. Professional use | 1. 8% ready for use at pH 6-9.5 2. 11% ready for use   at pH 6-9.5  Percentages calculated as thioglycolic acid. | The directions for use drawn up in the national or official language(s) must obligatorily incorporate the following sentences:   * May cause sensitisation in the event of skin contact. * Avoid contact with eyes. * In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice. * Wear suitable gloves. | * Contains thioglycolate. * Follow the instructions. * Keep out of reach of children. * For professional use only. |
| 3 | Oxalic acid, its esters and alkaline salts | Hair care products | 5% |  | For professional use only |
| 4 | Ammonia |  | 6% calculated as NH3 |  | Above 2%: Contains ammonia |
| 5 | Tosylchloramide sodium (INN) |  | 0.2% |  |  |
| 6 | Chlorates of alkali metals | 1. Toothpaste 2. Other uses | 1. 5% 2. 3% |  |  |
| 7 | Entry left intentionally blank |  |  |  |  |
| 8 | N-substituted derivatives of p-Phenylenediamine and their salts; N-substituted derivatives of o-Phenylenediamine(5), with exception of those derivatives listed elsewhere in this Annex and under reference numbers 1309, 1311 and 1132 in Annex II | Oxidizing colouring agents for hair dyeing:  1. General use  2. Professional use | 6% calculated as free base |  | 1.  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   Contains phenylenediamines. Wear suitable gloves. Do not use to dye eyelashes or eyebrows.  2.  Hair colorants can cause severe allergic reactions. **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   Contains phenylenediamines. Wear suitable gloves. |
| 8a | p-Phenylenediamine and its salts (5)  CAS No 106-50-3  p-Phenylenediamine HCl  CAS No 624-18-0    p-Phenylenediamine sulphate  CAS No 16245-77-5 | Hair dye substance in oxidative hair dye products:  1. General use  2. Professional use |  | 1. and 2.  After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2 % calculated as free base. | 1.  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   The mixing ratio is printed on the label.  Contains phenylenediamines. Wear suitable gloves. Do not use to dye eyelashes or eyebrows.  2.  Hair colorants can cause severe allergic reactions. **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   The mixing ratio is printed on the label. Contains phenylenediamines. Wear suitable gloves. |
| 9 | Methylphenylenediamines, their N-substituted derivatives and their salts (1), with the exception of the substance under reference number 9a in this Annex and substances under reference 364, 1310 and 1313 in Annex II | Oxidizing colouring agents for hair dyeing:  1. General use  2. Professional use | 10% calculated as free base |  | 1.  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   Contains phenylenediamines (toluenediamines). Wear suitable gloves. Do not use to dye eyelashes or eyebrows.  2.  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   Contains phenylenediamines (toluenediamines). Wear suitable gloves |
| 9a | Toluene-2,5-diamine and its salts (1)  CAS No 95-70-5  Toluene-2,5-diamine sulphate  CAS No 615-50-9 | Hair dye substance in oxidative hair dye products   1. General use    2. Professional use |  | 1. and 2.  After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 4% calculated as free base | 1.  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   Contains phenylenediamines (toluenediamines). Wear suitable gloves. Do not use to dye eyelashes or eyebrows. The mixing ratio is printed on the label.  2.  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   Contains phenylenediamines (toluenediamines). Wear suitable gloves. The mixing ratio is printed on the label. |
| 10 | Entry left intentionally blank |  |  |  |  |
| 11 | Dichlorophen (INN) |  | 0.5% |  | Contains dichlorophen |
| 12 | Hydrogen peroxide, and other compounds or mixtures that release hydrogen peroxide, including carbamide peroxide and zinc peroxide | 1. Hair-care preparations 2. Skin-care preparations 3. Nail hardening preparations 4. Oral hygiene products 5. Tooth-whitening products   (i) For use by the consumer under the supervision of a qualified dental practitioner.  (ii) For application by a qualified dental practitioner only | (a) 12% H202 (40 volumes) present or released  (b) 4% H202 present or released  (c) 2% H202 present or released  (d) 0.1% H202 present or released  (e) Tooth-whitening products  (i) Up to 6% H202 present or released  (ii) 6 – 35 % H202 present or released | (e) Tooth-whitening products  (i) For supply only through a qualified dental practitioner.  Not for direct sale to the general public  (ii) Only to be used by a qualified dental practitioner.  Not for direct sale to the general public. | (a) (b) (c)   * Contains hydrogen peroxide. * Avoid contact with eyes. * Rinse eyes immediately if product comes into contact with them.   (a) Wear suitable gloves.  (e) Tooth-whitening products  (i) Not for direct sale to the public. For supply only through qualified dental practitioner. Read & follow the instructions and use the product accordingly. Do not use the product within two weeks prior to, or immediately after dental restoration. Not for use by pregnant women or habitual tobacco and/or alcohol users. Stop using immediately if you experience any tooth sensitivity, gum irritation, toothache, defective restorations, gingivitis, nausea etc. Store out of reach of children.  (ii) Not for direct sale to the public. Only to be used by a qualified dental practitioner. Do not use the product within two weeks prior to, or immediately after dental restoration. Not for use by pregnant women or habitual tobacco and/or alcohol users. Stop using immediately in cases of tooth sensitivity, gum irritation, toothache, defective restorations, gingivitis, nausea etc. |
| 13 | Formaldehyde | Nail hardeners | 5% calculated as formaldehyde | As a preservative, see Annex VI, Part1, No. 5 | Protect cuticles with grease or oil.  Contains formaldehyde (2) |
| 14 | Hydroquinone | Artificial nail systems | 0.02% after mixing for use | Professional use only | * For professional use only * Avoid skin contact * Read directions for use carefully |
| 15a | Potassium or sodium hydroxide | 1. Nail cuticle solvent 2. Hair straightener   1. General use    2. Professional use   1. pH adjuster – for depilatories 2. Other uses as pH adjuster | 1. 5% by weight (4) 2. 2% by weight (4) 3. 4.5% by weight (4) 4. up to pH 12.7 5. up to pH 11 |  | * Contains alkali * Avoid contact with eyes * Can cause blindness * Keep out of reach of children  1. 1.  * Contains alkali * Avoid contact with eyes * Can cause blindness * Keep out of reach of children   2.   * For professional use only * Avoid contact with eyes * Can cause blindness * Keep out of reach of children * Avoid contact with eyes |
| 15b | Lithium hydroxide | 1. Hair straightener   1. General use    2. Professional use   1. pH adjuster – for depilatories 2. Other uses as pH adjuster (for rinse-off products only) | 1. 2% by weight (6)  2. 4.5% by weight (6) | 1. pH value not to exceed pH 12.7 2. pH value not to exceed pH 11 | 1. 1.  * Contains alkali * Avoid contact with eyes * Can cause blindness * Keep out of reach of children   2.   * For Professional use only * Avoid contact with eyes * Can cause blindness     (b)   * Contains alkali * Keep out of reach of children * Avoid contact with eyes |
| 15c | Calcium hydroxide | 1. Hair straighteners containing two components: calcium hydroxide and a guanidine salt 2. pH adjuster – for depilatories 3. Other uses (eg. pH adjuster, processing aid) | (a) 7% by weight calcium hydroxide | 1. pH value not to exceed pH 12.7 2. pH value not to exceed pH 11 | * Contains alkali * Avoid contact with eyes * Can cause blindness * Keep out of reach of children * Contains alkali * Keep out of reach of children * Avoid contact with eyes |
| 16 | 1-Napthol (CAS No. 90-15-3) and its salts | Oxidizing colouring agents for hair dyeing | 2% | In combination with hydrogen peroxide the maximum use concentration upon application is 1.0%. | Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 17 | Sodium nitrite | Rust inhibitor | 0.2% | Do not use with secondary and/or tertiary amines or other substances forming nitrosamines |  |
| 18 | Nitromethane | Rust inhibitor | 0.3% |  |  |
| 19-20 | Entries left intentionally blank |  |  |  |  |
| 21 | Quinine and its salts | 1. Shampoos 2. Hair lotions | 1. 0.5% calculated as quinine base 2. 0.2% calculated as quinine base |  |  |
| 22 | Resorcinol(3) | 1. Oxidizing colouring agent for hair dyeing   1. General use    2. Professional use   1. Hair lotions and shampoos | 1. 5% 2. 0.5% |  | (a)  1. Contains resorcinol. Rinse hair well after application. Do not use to dye eyelashes or eyebrows. Rinse eyes immediately if product comes into contact with them.    Hair colorants can cause severe allergic reactions. **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.** Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   2.  Contains resorcinol. Rinse eyes immediately if product comes into contact with them.  Hair colorants can cause severe allergic reactions. **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past  1. Contains resorcinol |
| 23 | 1. Alkali sulphides 2. Alkaline earth sulphides | 1. Depilatories 2. Depilatories | 1. 2% calculated as sulphur pH up to 12.7 2. 6% calculated as sulphur pH up to 12.7 |  | * Keep out of reach of children * Avoid contact with eyes * Keep out of reach of children * Avoid contact with eyes |
| 24 | Water-soluble zinc salts with the exception of zinc 4-hydroxybenzenesulphonate (entry 25) and zinc pyrithione (entry 101 and Annex VI, entry 8) |  | 1% calculated as zinc |  |  |
| 25 | Zinc 4-hydroxybenzene sulphonate | Deodorants, antiperspirants and astringent lotions | 6% calculated as % of anhydrous substance |  | Avoid contact with eyes |
| 26 | Ammonium monofluorophosphate | Oral hygiene products | 0.15% calculated as F. When mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0.15%. | **Thailand only** 0.11% calculated as F. When mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0.11%. | Contains ammonium monofluorophosphate  Children of 6 years and under: 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 (12) |
| 27 | Sodium monofluorophosphate | Ditto | Ditto | Ditto | * Contains sodium monofluorophosphate * Children of 6 years and under: 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(12) |
| 28 | Potassium monofluorophosphate | Ditto | Ditto | Ditto | * Contains potassium monofluorophosphate * Children of 6 years and under: 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(12) |
| 29 | Calcium monofluorophosphate | Ditto | Ditto | Ditto | * Contains calcium monofluorophosphate * Children of 6 years and under: 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(12) |
| 30 | Calcium fluoride | Ditto | Ditto | Ditto | * Contains calcium fluoride * Children of 6 years and under: 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(12) |
| 31 | Sodium fluoride | Ditto | Ditto | Ditto | * Contains sodium fluoride * Children of 6 years and under: 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(12) |
| 32 | Potassium fluoride | Ditto | Ditto | Ditto | * Contains potassium fluoride * Children of 6 years and under: 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(12) |
| 33 | Ammonium fluoride | Ditto | Ditto | Ditto | * Contains ammonium fluoride * Children of 6 years and under: 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(12) |
| 34 | Aluminium fluoride | Ditto | Ditto | Ditto | * Contains aluminium fluoride * Children of 6 years and under: 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(12) |
| 35 | Stannous fluoride | Ditto | Ditto | Ditto | * Contains stannous fluoride * Children of 6 years and under: 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(12) |
| 36 | Hexadecyl ammonium fluoride | Ditto | Ditto | Ditto | * Contains Hexadecyl ammonium fluoride * Children of 6 years and under: 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(12) |
| 37 | 3-(N-Hexadecyl-N-2-hydroxyethylammonio) propylbis (2-hydroxyethyl) ammonium difluoride | Ditto | Ditto | Ditto | * Contains 3-(N-Hexadecyl-N-2-hydroxyethylammonio) propylbis (2-hydroxyethyl) ammonium difluoride * Children of 6 years and under: 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(12) |
| 38 | N,N’,N’-Tris(polyoxyethylene)-N-hexadecylpropylenediamine dihydrofluoride | Ditto | Ditto | Ditto | * Contains N,N’,N’-Tris(polyoxyethylene)-N-hexadecylpropylenediamine dihydrofluoride * Children of 6 years and under: 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(12) |
| 39 | Octadecenyl-ammonium fluoride | Ditto | Ditto | Ditto | * Contains octadecenyl-ammonium fluoride * Children of 6 years and under: 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(12) |
| 40 | Sodium fluorosilicate | Ditto | Ditto | Ditto | * Contains sodium fluorosilicate * Children of 6 years and under: 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(12) |
| 41 | Potassium fluorosilicate | Ditto | Ditto | Ditto | * Contains potassium fluorosilicate * Children of 6 years and under: 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(12) |
| 42 | Ammonium fluorosilicate | Ditto | Ditto | Ditto | * Contains ammonium fluorosilicate * Children of 6 years and under: 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(12) |
| 43 | Magnesium fluorosilicate | Ditto | Ditto | Ditto | * Contains magnesium fluorosilicate * Children of 6 years and under: 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(12) |
| 44 | 1,3-Bis(hydroxymethyl) imidazolidine-2-thione | 1. Hair care preparations 2. Nail care preparations | 1. Up to 2% 2. Up to 2% | 1. Prohibited in aerosol dispensers (sprays) 2. The pH of the product as applied must be less than 4 | Contains 1, 3-Bis (hydroxymethyl) imidazolidine-2- thione |
| 45 | Benzyl alcohol CAS No 100-51-6 | 1. Solvents 2. fragrance/aromatic compositions/their raw materials |  | As a preservative, see Annex VI, Part1, No. 34 |  |
| 46 | 6-Methylcoumarin | Oral hygiene products | 0.003% |  |  |
| 47 | Nicomethanol hydrofluoride | Oral hygiene products | 0.15% calculated as F. When mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0.15% | **Thailand only** 0.11% calculated as F when mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0.11%. | * Contains nicomethanol hydrofluoride * Children of 6 years and under: Use a pea sized amount for supervised brushing to minimize swallowing. In case of intake of fluoride from other sources consult a dentist or doctor12 |
| 48 | Silver nitrate | Solely for products intended for colouring eyelashes and eyebrows | 4% |  | * Contains silver nitrate * Rinse the eyes immediately if product comes into contact with them |
| 49 | Selenium disulphide | Anti-dandruff shampoo | 1% |  | * Contains selenium disulphide * Avoid contact with eyes or damaged skin |
| 50 | Aluminium zirconium chloride hydroxide complexes AlxZr (OH)yClz and the aluminium zirconium chloride hydroxide glycine complexes | Anti-perspirants | * 20% as anhydrous aluminium zirconium chloride hydroxide * 5.4% as zirconium | 1. The ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10 2. The ratio of the number of (Al + Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1 3. Prohibited in aerosol dispensers (sprays) | Do not apply to irritated or damaged skin |
| 51 | Quinolin-8-ol and bis (8-hydroxyquinolium) sulphate | 1. Stabilizer for hydrogen peroxide in rinse-off hair care preparations. 2. Stabilizer for hydrogen peroxide in non-rinse-off hair-care preparations. | 1. 0.3% calculated as base 2. 0.03% calculated as base |  |  |
| 52 | Methanol | Denaturant for ethanol and isopropyl alcohol | 5% calculated as a % of ethanol and isopropyl alcohol |  |  |
| 53 | Etidronic acid and its salts (1-hydroxyethylidene- di-phosphonic acid and its salts) | 1. Hair-care 2. Soap | 1. 1.5% expressed as etidronic acid 2. 0.2% expressed as etidronic acid |  |  |
| 54 | 1-Phenoxypropan-2-ol | * Rinse-off products only * Prohibited in oral hygiene products | 2% | As a preservative, see Annex VI, Part 1, No 43 | - |
| 55 | Entry left intentionally blank |  |  |  |  |
| 56 | Magnesium fluoride | Dental hygiene products | 0.15% calculated as F. When mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0.15% | **Thailand only** 0.11% calculated as F when mixed with other fluorine compounds permitted under this Annex, total F concentration must not exceed 0.11%. | * Contains magnesium fluoride * Children of 6 years and under: 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(12) |
| 57 | Strontium chloride hexahydrate | 1. Toothpaste 2. Shampoo and face care products | 1. 3.5% calculated as strontium. When mixed with other permitted strontium products the total strontium content must not exceed 3.5% 2. 2.1% calculated as strontium. When mixed with other permitted strontium compounds, the total strontium content must not exceed 2.1% | - | * Contains strontium chloride * Frequent use by children is not advisable |
| 58 | Strontium acetate hemihydrate | Toothpaste | 3.5% calculated as strontium. When mixed with other permitted strontium products the total strontium content must not exceed 3.5% |  | * Contains strontium acetate * Frequent use by children is not advisable |
| 59 | Talc: Hydrated magnesium silicate | 1. Powdery products intended to be used by children 2. Other products |  |  | * a) – Keep powder away from children’s nose and mouth |
| 60 | Fatty acid dialkylamides and dialkanolamides |  | Maximum secondary amine content: 0.5% | * Do not use with nitrosating systems * Maximum secondary amine content : 5% (applies to raw materials) * Maximum nitrosamine content : 50 μg/kg * Keep in nitrite-free containers |  |
| 61 | Monoalkylamines, monoalkanolamines and their salts |  | Maximum secondary amine content: 0.5% | * Do not use with nitrosating systems * Minimum purity: 99% * Maximum secondary amine content: 0.5% (applies to raw materials) * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers |  |
| 62 | Trialkylamines, trialkanolamines and their salts | 1. non-rinse-off products   (b) other products | (a) 2.5% | 1. (b):  * Do not use with nitrosating systems * Minimum purity: 99% * Maximum secondary amine content: 0.5% (applies to raw materials) * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers |  |
| 63 | Strontium hydroxide | pH-regulator in depilatory products | 3.5% calculated as strontium, max pH of 12.7 |  | * Keep out of reach of children * Avoid contact with the eyes |
| 64 | Strontium peroxide | Rinse-off hair care preparations professional use | 4.5% calculated as strontium in the ready-for-use preparation | All products must meet the hydrogen peroxide release requirements | * Avoid contact with eyes * Rinse eyes immediately if product comes into contact with them * For professional use only * Wear suitable gloves |
| 65 | Benzalkonium chloride, bromide and saccharinate | 1. Rinse-off hair (head) care products 2. Other products | 1. 3% (as benzalkonium chloride) 2. 0.1% (as benzalkonium chloride) | 1. In the final products the concentrations of benzalkonium chloride, bromide and saccharinate with an alkyl chain of C14, or less must not exceed 0.1% (as benzalkonium chloride)   As a preservative, see Annex VI, Part 1, No.54 | 1. Avoid contact with the eyes 2. Avoid contact with the eyes |
| 66 | Polyacrylamides | 1. Body-care leave-on products 2. Other cosmetic products |  | 1. Maximum residual acrylamide content; 0.1 mg/kg 2. Maximum residual acrylamide content; 0.5 mg/kg |  |
| 67 to 92 | Entries left intentionally blank |  |  |  |  |
| 93 | 2,4-Diamino-pyrimidine- 3-oxide  CAS No 74638-76-9 | Hair care formulations | 1.5 % |  |  |
| 94 | Benzoyl peroxide | Artificial nail systems | 0.7 % (After mixing for use) | Professional use only | * For professional use only * Avoid skin contact * Read directions for use carefully |
| 95 | Hydroquinone methylether | Artificial nail systems | 0.02 % (After mixing for use) | Professional use only | * For professional use only * Contains hydroquinone, do not use on children under the age of 12 years * Avoid skin contact * Read directions for use carefully |
| 96 | Musk xylene  CAS No 81-15-2 | All cosmetic products, with the exception of oral care products | 1. 1.0 % in fine fragrance 2. 0.4 % in eau de toilette 3. 0.03 % in other products |  |  |
| 97 | Musk ketone  CAS No 81-14-1 | All cosmetic products, with the exception of oral care products | 1. 1.4 % in fine fragrance 2. 0.56 % in eau de toilette 3. 0.042 % in other products |  |  |
| 98 | Salicylic acid(17)  CAS No 69-72-7 | 1. Rinse-off hair products 2. Other products | * 1. 3.0 %   2. 2.0% | Not to be used in preparations for children under three years of age, except for shampoos  For purposes other than inhibiting the development of microorganisms in the product. This purpose has to be apparent from the presentation of the product | Not to be used for children under three years of age(8) |
| 99 | Inorganic sulphites and bisulphites(9) | 1. Oxidative hair dye products 2. Hair straightening products 3. Self- tanning products for the face 4. Other self- tanning products | * 1. 0.67 % expressed as free SO2   2. 6.7 % expressed as free SO2   3. 0.45 % expressed as free SO2   4. 0.40 % expressed as free SO2 | For purposes other than inhibiting the development of microorganisms in the product. This purpose has to be apparent from the presentation of the product |  |
| 100 | Triclocarban(10)  CAS No 101-20-2 | Rinse-off products | 1.5 % | Purity criteria:  3,3’,4,4’-Tetrachloroazobenzene ≤1 ppm  3,3’,4,4’-Tetrachloroazoxybenzene ≤1 ppm  For purposes other than inhibiting the development of microorganisms in the product. This purpose has to be apparent from the presentation of the product |  |
| 101 | Zinc pyrithione(11)  CAS No 13463-41-7 | Leave-on hair products  Rinse-off hair products | * 1. %   2.0% | For purposes other than inhibiting the development of microorganisms in the product. This purpose has to be apparent from the presentation of the product |  |
| 102 | Glyoxal  CAS 107-22-2 |  | 100mg/kg |  |  |
| 103 to 184 | Entries left intentionally blank |  |  |  |  |
| 185 | Toluene  CAS 108-88-3 | Nail products | 25% |  | Keep out of reach of children To be used by adults only |
| 186 | Diethylene glycol (DEG)  CAS 111-46-6 2,2’-oxydiethanol | Traces in ingredients | 0.1% |  |  |
| 187 | Butoxydiglycol CAS 112-34-5  Diethylene glycol monobutyl ether (DEGBE) | Solvent in hair dye products | 9% | No use in aerosol dispensers (sprays) |  |
| 188 | Butoxyethanol CAS 111-76-2; ethylene glycol monobutyl ether (EGBE) | 1. Solvent in oxidative hair dye products 2. Solvent in non-oxidative hair dye products | 1. 4.0% 2. 2.0% | 1. No use in aerosol dispensers (sprays) 2. No use in aerosol dispensers (sprays) |  |
| 189 | Trisodium 5-hydroxy-1-(4- sulphophenyl)-4-(4-sulphophe-nylazo)pyrazole-3-carboxylate and aluminium lake (15)  Acid Yellow 23  CAS 1934-21-0  Acid Yellow 23 Aluminium lake  CAS 12225-21-7 | Hair dye substance in non-oxidative hair dye products | 0.5% |  |  |
| 190 | Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl-[(3-sulfo-phenyl)-methyl]-amino]- phenyl] [2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo, inner salts, disodium salt and its ammonium and aluminium salts (15)  Acid Blue 9  CAS 3844-45-9   Acid Blue 9 Ammonium salt  CAS 2650-18-2   Acid Blue 9 Aluminium lake  CAS 68921-42-6 | Hair dye substance in non-oxidative hair dye products | 0.5% |  |  |
| 191 | Disodium 6-hydroxy-5-[(2- methoxy-4-sulphonato-m-tolyl)azo]naphthalene-2- sulphonate(15)   Curry Red  CAS 25956-17-6  CI 16035 | Hair dye substance in non-oxidative hair dye products | 0.4% |  |  |
| 192 | Trisodium 1-(1-naphthylazo)-2- hydroxynaphthalene-4′,6,8- trisulphonate and aluminium lake(15)   Acid Red 18  CAS 2611-82-7  Acid Red 18 Aluminum lake  CAS 12227-64-4  CI 16255 | Hair dye substance in non-oxidative hair dye products | 0.5% |  |  |
| 193 | Hydrogen 3,6-bis(diethylamino)-9-(2,4-disulphonatophenyl)xanthylium, sodium salt(15)  Acid Red 52  CAS 3520-42-1  CI 45100 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in non-oxidative hair dye products | (b) 0.6% | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 %. | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 194 | Disodium 5-amino-4-hydroxy- 3-(phenylazo)naphthalene-2,7- disulphonate(15)  Acid Red 33  CAS 3567-66-6  CI 17200 | Hair dye substance in non-oxidative hair dye products | 0.5% |  |  |
| 195 | Sodium 1-amino-4-(cyclohexylamino)-9,10-dihydro-9,10- dioxoanthracene-2- sulphonate(15)  Acid Blue 62  CAS 4368-56-3  CI 62045 | Hair dye substance in non-oxidative hair dye products | 0.5% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers |  |
| 196 | 1-[(2′-Methoxyethyl) amino]-2-nitro-4-[di-(2′-hydroxyethyl)amino] benzene (15)   HC Blue No 11  CAS 23920-15-2 | Hair dye substance in non-oxidative hair dye products | 2.0% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers |  |
| 197 | 1,5-Di-(beta-hydroxyethylamino)- 2-nitro-4-chlorobenzene(15)  HC Yellow No 10  CAS 109023-83-8 | Hair dye substance in non-oxidative hair dye products | 0.1% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers |  |
| 198 | 3-Methylamino-4-nitrophenoxyethanol(15);  CAS 59820-63-2 | Hair dye substance in non-oxidative hair dye products | 0.15% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers |  |
| 199 | 2,2′-[[4-[(2-hydroxyethyl) amino]-3-nitrophenyl]imino]bisethanol(15)  HC Blue No 2  CAS 33229-34-4 | Hair dye substance in non-oxidative hair dye products | 2.8% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg      * Keep in nitrite-free containers | Can cause allergic reaction |
| 200 | 1-Propanol, 3-[[4-[bis(2-hydroxyethyl)amino]-2-nitrophenyl]amino](15)  HC Violet No 2  CAS 104226-19-9 | Hair dye substance in non-oxidative hair dye products | 2.0% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg      * Keep in nitrite-free containers | Can cause allergic reaction |
| 201 | 2-Chloro-6-ethylamino-4-nitrophenol(15)  CAS 131657-78-8 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in non-oxidative hair dye products | (b) 3.0 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 %  For (a) and (b):   * Do not use with nitrosating systems      * Maximum nitrosamine content: 50 μg/kg      * Keep in nitrite-free containers | (a)The mixing ratio must be printed on the label.  .  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16**.  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |

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| 202 | 4,4′-[1,3-Propanediylbis(oxy)] bisbenzene-1,3-diamine and its tetrahydrochloride salt(15);  1,3-bis-(2,4-Diaminophenoxy) propane  CAS 81892-72-0    1,3-bis-(2,4-Diaminophenoxy) propane HCl  CAS 74918-21-1 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in non-oxidative hair dye products | (b) 1.2% as free base (1.8% as tetrahydrochloride salt) | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.2% calculated as free base (1.8% as tetrahydrochloride salt). | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past.  1. Can cause allergic reaction |
| 203 | 6-Methoxy-N2-methyl-2,3-pyri-dinediamine hydrochloride and dihydrochloride salt(15)  6-Methoxy-2-methylamino-3- aminopyridine HCl  CAS 90817-34-8 (HCl)  CAS 83732-72-3 (2HCl) | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in non-oxidative hair dye products | (b) 0.68 % as free base (1.0 % as dihydrochloride) | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.68 % calculated as free base (1.0 % as dihydrochloride).  For a) and b):   * Do not use with nitrosating systems      * Maximum nitrosamine content: 50 μg/kg      * Keep in nitrite-free containers | (a)The mixing ratio must be printed on the label.  .  Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past  1. Can cause allergic reaction |
| 204 | 2,3-Dihydro-1H-indole-5,6-diol and its hydrobromide salt(15)  Dihydroxyindoline  CAS 29539-03-5  Dihydroxyindoline HBr  CAS 138937-28-7 | Hair dye substance in non-oxidative hair dye products | 2.0% |  | Can cause allergic reaction |
| 205 | 4-Hydroxypropylamino-3- nitrophenol(15);  CAS 92952-81-3 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 2.6 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2.6 % calculated as free base.   For (a) and (b):   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | * 1. The mixing ratio must be printed on the label.     Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 206 | Verbena absolute (Lippia citriodora Kunth.)  CAS No 8024-12-2 |  | 0.2% |  |  |
| 207 | Ethyl Lauroyl Arginate HCl (INCI)(16) Ethyl-Ν alpha -dodecanoyl- L-arginate hydrochloride  CAS No 60372-77-2 | 1. soap 2. anti-dandruff shampoos 3. deodorants, not in form of spray | 0.8% | For purposes other than inhibiting the development of micro-organisms in the product. This purpose has to be apparent from the presentation of the product. |  |
| 208 | 1-(beta- Aminoethyl)amino-4- (beta-hydroxyethyl)oxy-2-nitrobenzene and its salts  HC Orange No 2  CAS No 85765-48-6 | Hair dye substance in non-oxidative hair dye products | 1.0% | * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 209 | 2-[(2-methoxy-4-nitrophenyl)amino]ethanol and its salts  2-Hydroxyethylamino- 5-nitroanisole  CAS No 66095-81-6 | Hair dye substance in non-oxidative hair dye products | 0.2% | * Do not use with nitrosating systems      * Maximum nitrosamine content: 50 μg/kg      * Keep in nitrite-free containers |  |
| 210-214 | Entries left intentionally blank |  |  |  |  |
| 215 | 4-Amino-3-nitrophenol  CAS No 610-81-1 | (a) Hair dye substance in oxidative hair dye products      (b) Hair dye substance in non-oxidative hair dye products | (b) 1.0% | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5% | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   (b)    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 216 | 2,7-Naphthalenediol  CAS No 582-17-2 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in non-oxidative hair dye products | (b) 1.0% | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.0% | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 217 | m-Aminophenol (CAS No 591-27-5) and its salts | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.2% | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 218 | 2,6-Dihydroxy-3,4-dimethylpyridine  CAS No 84540-47-6 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.0% | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 219-221 | Entries left intentionally blank |  |  |  |  |
| 222 | 2-Hydroxyethyl picramic acid  CAS No 99610-72-7 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 2.0 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 %   For (a) and (b):   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 223 | p-Methylaminophenol (CAS No 150-75-4) and its sulphate  p-Methylaminophenol sulphate  CAS No 55-55-0 / 1936-57-8 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.68 % (as sulphate)   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 224 | Entry left intentionally blank |  |  |  |  |
| 225 | Ethanol, 2-[4-[Ethyl[(2-Hydroxyethyl)Amino]-2-Nitrophenyl]Amino]-, (CAS No 104516-93-0) and its hydrochloride  HC Blue No 12  CAS No 132885-85-9 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 1.5% (as hydrochloride) | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.75 % (as hydrochloride)  For (a) an (b):   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 226 | Entry left intentionally blank |  |  |  |  |
| 227 | 3-Amino-2,4-dichlorophenol (CAS No 61693-42-3)  and its hydrochloride  3-Amino-2,4-dichlorophenol HCl  CAS No 61693-43-4 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 1.5% (as hydrochloride) | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 % (as hydrochloride) | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 228-229 | Entries left intentionally blank |  |  |  |  |

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| 230 | Phenyl methyl pyrazolone  CAS No 89-25-8 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.25 % | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 231 | Entry left intentionally blank |  |  |  |  |
| 232 | 2-Methyl-5-hydroxyethylaminophenol  CAS No 55302-96-0 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 %   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 233 | Entry left intentionally blank |  |  |  |  |
| 234 | Hydroxybenzomorpholine  CAS No 26021-57-8 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.0 %   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 235-236 | Entries left intentionally blank |  |  |  |  |
| 237 | 2,2'-[(4-Amino-3-nitrophenyl)imino]bisethanol (CAS No 29705-39-3) and its hydrochloride  HC Red No 13  CAS No 94158-13-1 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 2.5% (as hydrochloride) | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.25 % (as hydrochloride) | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 238 | 2,6-Dimethoxy-3,5-pyridinediamine (CAS No 85679-78-3 (free base)) and its hydrochloride  2,6-Dimethoxy-3,5-pyridinediamine HCl  CAS No 56216-28-5 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.25 % (as hydrochloride) | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 239 | HC Violet No 1  CAS No 82576-75-8 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 0.28 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.25 %  For (a) and (b):     * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   (b)    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 240 | Entry left intentionally blank |  |  |  |  |
| 241 | 1,5-Naphthalenediol  CAS No 83-56-7 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 1.0 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.0 % | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 242 | Hydroxypropyl bis(N-hydroxyethyl-p-phenylenediamine) (CAS No 128729-30-6) and its tetrahydrochloride    Hydroxypropyl bis(N-hydroxyethyl-p-phenylenediamine) HCl  CAS No 128729-28-2 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.4 % (as tetrahydrochloride) | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 243 | 4-Amino-2-hydroxytoluene  CAS No 2835-95-2 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 % | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 244 | 2,4-Diaminophenoxyethanol (CAS No 70643-19-5), its hydrochloride and its sulphate    2,4-Diaminophenoxyethanol HCl  CAS No 66422-95-5  2,4-Diaminophenoxyethanol sulfate  CAS No 70643-20-8 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2.0 % (as hydrochloride) | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 245 | 2-Methylresorcinol  CAS No 608-25-3 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in non-oxidative hair dye products | (b) 1.8 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.8 % | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 246 | 4-Amino-m-cresol  CAS No 2835-99-6 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 % | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 247 | Entry left intentionally blank |  |  |  |  |
| 248 | 2-Amino-4-hydroxyethylaminoanisole (CAS No 83763-47-7) and its sulphate    2-Amino-4-hydroxyethylaminoanisole sulfate  CAS No 83763-48-8 | Hair dye substance in oxidative hair dye products |  | After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 % (as sulphate)   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 249 | Hydroxyethyl-3,4-methylenedioxyaniline and its hydrochloride  Hydroxyethyl-3,4-methylenedioxyaniline HCl  CAS No 94158-14-2 | Hair dye substance in oxidative hair dye products |  | ~~(a)~~After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 1.5 %   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 250 | 3-Nitro-p-hydroxyethylaminophenol  CAS No 65235-31-6 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 1.85 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 3.0 %  For (a) and (b):   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   (b)    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 251 | 4-Nitrophenyl aminoethylurea CAS No 27080-42-8 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 0.5 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 0.25 %  For (a) and (b):   * Do not use with nitrosating systems * Maximum nitrosamine content: 50 μg/kg * Keep in nitrite-free containers | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| 252 | 2-Amino-6-chloro-4-nitrophenol  CAS No 6358-09-4 | (a) Hair dye substance in oxidative hair dye products  (b) Hair dye substance in  non-oxidative hair dye products | (b) 2.0 % | (a) After mixing under oxidative conditions the maximum concentration applied to hair must not exceed 2.0 % | (a) The mixing ratio must be printed on the label.    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past   (b)    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past |
| A1-A3 | Entries left intentionally blank |  |  |  |  |
| A4 | Persulphates of ammonium, potassium or sodium | Hair bleaching products | 45 % Persulphate before mixing with hydrogen peroxide. Not to exceed 20% after mixing. |  | Avoid contact with eyes. Test for allergic reaction before use. Stop using and rinse with water if irritation, burning or rash occurs at contact area. Do not use if there is scratch on scalp or dermatitis. Do not scratch heavily during hair wash. Keep out of reach of children and in a cool place. |
| A5 | Entry left intentionally blank |  |  |  |  |
| A6 | Glycolic and lactic acid, their common salts and simple esters | * 1. Skin products  (i) For general use   (ii) For professional use  (iii) For use by a qualified medical practitioner   2. Other products | (a) Skin products  (i) ≤ 10% total when calculated as the acids  (ii) 10% - 20% total when calculated as the acids  (iii) > 20%, upto 30% total when calculated as the acids        (b) Other products  None | * + - * 1. Skin products   (i) Final formulation   ≥ pH 3.5 (ii) Final formulation   ≥ pH 3.0  For professional use only (iii) Final formulation   ≥ pH 3.0 for products up to 30% total when calculated as the acids.  For use by a qualified medical practitioner only.  (b) Other products  None | (a) Skin products  All Sunburn alert: This product contains an alpha hydroxy acid (AHA) that may increase your skin’s sensitivity to the sun and particularly the possibility of sunburn. Use a sunscreen, wear sun protective clothing, and limit sun exposure while using this product and for a week afterwards13  (ii) For professional use only (iii) For use by a qualified medical practitioner only.  (b) Other products  None |
| A7 | Thioacids and their derivatives | All products |  | Not for use around the eye area. | Mandatory warning statement: “Not for use around the eye area” |
| A8 | Dihydroxyacetone | Tanning products |  |  | This product does not contain a sunscreen and does not protect against sunburn |
| A9 | Thiolactic acid and its salts | 1. Hair waving or straightening products 2. Depilatories 3. Other hair care products which are removed after application | 1. 8.5% ready for use at pH<9.5 2. 5% ready for use pH 7-12.7 3. 2% ready for use pH 7-9.5   Percentages calculated as total thioacids, i.e., either singly (thiolactic acid or thioglycolic acid alone) or combination of thiolactic acid and thioglycolic acid in a given formula. | For (a), (b) and (c):  The direction for use drawn up in the national or official language(s) must incorporate the following sentences:   * Avoid contact with eyes * In the event of contact with eyes, rinse immediately with plenty of water and seek medical assistance. * Wear suitable gloves (a) and (c) only | (a), (b) and (c)   * Contains thiolactic acid * Follow the instructions * Keep out of reach of children. |
| A10 | Tranexamic acid | Skin products | 3.0% | Not to be used in products intended to be placed in contact with mucous membranes |  |

(1) These substances may be used singly or in combination provided that the sum of the ratios of the levels of each of them in the cosmetic product expressed with reference to the maximum level authorized for each of them does not exceed 1.

(2) Only if the concentration exceeds 0,05 %.

(3) These substances may be used singly or in combination provided that the sum of the ratios of the levels of each of them in the cosmetic product expressed with reference to the maximum level authorized for each of them does not exceed 2.

(4) The quantity of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In cases of mixtures, the sum should not exceed the limits given in column d.

(5) These substances may be used singly or in combination provided that the sum of the ratios of the levels of each of them in the cosmetic product expressed with reference to the maximum level authorised for each of them does not exceed 1.

(6) The concentration of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In case of mixtures, the sum should not exceed the limits given in column d.

(8) Solely for products which might be used for children under three years of age and which remain in prolonged contact with the skin.

(9) As a preservative, see Annexe VI, Part 1, No 9

(10) As a preservative, see Annexe VI, Part 1, No 23

(11) As a preservative, see Annexe VI, Part 1, No 8

(12) For all toothpaste containing 0.1-0.15% fluoride unless it is already labelled as contra-indicated for children (e.g. For adult use only). Must also carry 6mm diameter solid circle between the words “pea sized” and “amount” to indicate actual amount to be used.

(13) Labeling mandatory for products containing Glycolic and/or Lactic acids at a concentration ≥ 2.5% and do not contain a sunscreen. Not required for products that are intended to be applied to non sun exposed areas of the body, contain a sunscreen or a lower concentration of AHA.

(15) The free base and salts of this hair colouring ingredient, unless prohibited under Annex II, are permitted for use.

(16) As a preservative, see Annexe VI, Part 1, No 58

(17) As a preservative, see Annexe VI, Part 1, No 3

**ANNEX III – PART 2**

List of Substances PROVISIONALLY ALLOWED

| **Ref #** | **Substance** | **Restrictions** | | | **Conditions of use and warning which must be printed on the labels** | **Allowed Until** |
| --- | --- | --- | --- | --- | --- | --- |
| **Field of application and/or use** | **Maximum authorised concentration in the finished cosmetic product** | **Other limitations and requirements** |
| a | b | c | d | e | f | g |
| 10 | Hydroxyethyl-2-nitro-p-toluidine (CAS No 100418-33-5) and its salts | (a) Oxidising colouring agents for hair dyeing  (b) Non- oxidising colouring agents for hair dyeing | (a) 2.0 %  (b) 1.0 % | In combination with hydrogen peroxide the maximum concentration upon application is 1.0 % | (a)    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past | 01/12/2013 |
| 50 | HC Red No 10 + HC Red No 11 (CAS No 95576-89-9 + 95576-92-4) and its salts | (a) Oxidising colouring agents for hair dyeing  (b) Non-oxidising colouring agents for hair dyeing | (a) 2.0 %  (b) 1.0 % | In combination with hydrogen peroxide the maximum concentration upon application is 1.0 % | (a)    Hair colorants can cause severe allergic reactions.  **Read and follow instructions.**  **This product is not intended for use on persons under the age of 16.**  Temporary “black henna” tattoos may increase your risk of allergy.  Do not colour your hair if:   * you have a rash on your face or sensitive, irritated and damaged scalp, * you have ever experienced any reaction after colouring your hair, * you have experienced a reaction to a temporary “black henna” tattoo in the past | 01/12/2013 |