

Assessment Ingredients lists

Product Category - Cold and Hot Process soaps

Generic Formulation

1. Ingredients from list A forming (Minimum 85%) of the final product
2. Ingredients from list B 0-10% forming the major compositional components of the final product
3. The addition of ingredients from list C 0-10%
4. The addition of ingredients from list D and / or E 0- 3%
5. The addition of ingredients from list F 0- 2%
6. The addition of ingredients from list G 0- 3%

Ingredients List A - Saponified oils, butters and waxes. Saponification is max 97% (i.e. excess of starting material is present – no residual sodium hydroxide) – Ingredients from list C may be macerated in oils before saponification

Note – Water is present at max 15% in the final product

Glycerine is present at max 15% in the final product as a by-product of the saponification process

INCI Name (Max 97% Saponified)	Common Name before Saponification	Maximum % of initial oils / butters / waxes used
Sodium Apricot Kernelate	Apricot Kernel Oil	100
Sodium Arganate	Argan Oil	100
Sodium Avocadoate	Avocado Oil	100
Sodium babassuate	Babassu Oil	100
Sodium Castorate	Castor Oil	100
Sodium Cocoabutterate	Cocoa Butter	100
Sodium Cocoate	Coconut Oil	100
Sodium Grapeseedate	Grape Seed Oil	100
Sodium Hazelnutate	Hazelnut Oil	100

Sodium Macadamianutate	Macadamia Nut Oil	100
Sodium Mangobutterate	Mango Butter	100
Sodium Olivete	Olive Oil	100
Sodium Palmate	Palm Oil	100
Sodium Rapeseedate	Rapeseed Oil	100
Sodium Ricebranate	Rice bran oil	100
Sodium Rosehipseedate	Rosehip seed oil	100
Sodium Sheabutterate	Shea Butter	100
Sodium Stearate	Stearic Acid	100
Sodium Sunflowerate	Sunflower Oil	100
Sodium Sweetalmondate	Sweet Almond Oil	100
Sodium Walnutate	Walnut Oil	100
Sodium Lardate	Lard	100
Sodium Tallowate	Tallow	100
Sodium Beeswaxate	Bees Wax	25
Sodium Borageate	Borage Oil	25
Sodium Cameliate	Camelia Oil	25
Sodium Cottonseedate	Cottonseed Oil	25
Sodium Eveningprimroseate	Evening Primrose Oil	10
Sodium Hempseedate	Hemp Seed Oil	25
Sodium jojobate	Jojoba Oil	10
Sodium Neemate	Neem Oil – max 5%	5
Sodium Safflowerate	Safflower Oil	10
Sodium Watermelonseedate	Watermelon seed oil	25
Sodium Wheatgermate	Wheat Germ Oil	10
Partially or non-saponified oils		
Blackcurrant seed oil		10
Cherry Kernel Oil		10
Cranberry seed oil		10
Cucumber Seed		10
Meadowfoam seed oil		10
Olive squalane		10
Papaya seed oil		10
Passionfruit seed oil		10
Peach Kernel oil		10
Plum Kernel oil		10
Pomegranate seed oil		10
Raspberry seed oil		10
Sea Buckthorne		10
Watermelon seed oil		10
St John's Wort oil		10
Boabab		10
Illipe Butter		10
Marula		10
Tamanu Oil		10
Tucuma Butter		10
Urucum Butter		10

Murumuru Butter		10
Kokum Butter		10
Kukui Nut oil		10
Cupuacu Butter		10
Calendula oil (macerated)		10
Carrot Tissue oil (macerated in inert carrier)		10

Sodium Hydroxide range (initial Saponification process – not present in final product) - maximum 150g per kilo of oils in a formulation containing Coconut oil(min 25%), otherwise, maximum 135g per kilo of oils *

If the calculated value of sodium hydroxide falls outside this range, the specific recipe must be submitted to Cosmetic Safety Consultants for verification.

*The manufacturer **must** be competent in the production of this category of product, by the methods stated and is responsible for ensuring that the correct amount of sodium hydroxide is used in each formulation. It is recommended that the use of a reliable resource such as SoapCalc or the Cosmetic Safety Consultants Ltd SAP calculator is used to verify the quantity of sodium hydroxide required

Ingredients List A1 - Liquids used as solvents in the saponification process (i.e. used to dissolve sodium hydroxide in the initial stages of manufacture) – note, during the curing stages most of the aqueous content is lost

INCI Name (Max 97% Saponified)	Common Name before Saponification	Maximum % of initial pre-saponification formulation
Water		35
Aloe Vera Juice		35
Witch hazel Hydrosol / distillate		35
Beer – any variety		35
Wine – any variety including sparkling		35
Cows Milk		35
Goats Milk		35
Soya Milk		35
Yoghurt		35
Buttermilk		35
Sheep milk		35
Dairy Cream		35

Apple pulp / juice		35
Pear pulp / juice		35
Strawberry pulp / juice		35
Raspberry pulp / juice		35
Peach pulp / juice		35
Apricot pulp / juice		35
Plum pulp / juice		35
Fig pulp / juice		35
Carrot Pulp / Juice		35
Tomato pulp / juice		35
Avocado pulp		35
Aqueous infusions of any of the ingredients in List C		

Ingredients List A2 - Added as a bulking agent after the initial stages of saponification (trace)

Sodium Chloride (Sea Salt, Himalaya Salt etc.	50
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Ingredients List B

Common Name	INCI Name	Maximum % in formulation
Vitamin E		1
D-Panthenol		1
Cosmetic Grade Clays (Illite, Bentonite, Rasshoul, Dried dad Sea Mud)		10
Magnesium Sulphate (Epsom Salts)		10
Hibiscus powder/ground		10
Apricot Powder		10
Banana Powder		10
Honey Powder		10
Sandalwood powder		10
Mandarin Powder		10
Mango Powder		10
Peach Powder		10
Pineapple Powder		10
Raspberry Powder		10

Strawberry Powder		10
Coffee ground		10
Cocoa - powdered		10
Buttermilk Powder		10
Goats Milk Powder		10
Yoghurt Powder		10
Milk Powder (Cows)		10
Milk Powder (Sheep)		10
Oatmeal		10
Buttermilk Powder		10
Goats Milk Powder		10
Yoghurt Powder		10
Milk Powder (Cows)		10
Milk Powder (Sheep)		10
Jojoba Beads		10
Luffa Natural		10
Pearl Exfoliant powder/ground		10
Pumice Stone		10
Walnut powder/ground		10
Camelina Seeds		10
Cranberry Seeds		10
Raspberry Seeds		10
Strawberry Seeds		10
Cupuacu (Theobroma grandiflorium),		10
Adzuki beans		10
Bran		10
Hops		10
Wheat		10
Buckwheat		10
Calamine		10
Honey		10
Propolis		10
Rosemary Extract (Oleoresin) antioxidant)		1
Sodium Lactate		2
Grapefruit seed extract		1
Menthol Crystals		1
Tahitian gardenias/ Cocos Nucifera Oil infusion		10

Ingredients List C Dried Botanicals (including flowers)

Common Name	INCI Name	Maximum % in formulation
Angelica	Angelica archangelica	5
Anthemis	Anthemis nobilis	5
Coriander	Coriandrum sativum	5
Butterbur	genus petasites	5
Calendula	Calendula officinalis	5
Lavender	Lavendula Officinalis / Angustifolia	5
Camellia	Camellia oleifera	5
Echinacea	Echinacea purpurea	5
Fennel	Feoniculum vulgare	5
Fenugreek	Trigonella foenum-graecum	5
Ginger	Zingiber officinalis	5
Green tea	Camellia sinensis	5
Ginseng	Panax ginseng	5
Lemongrass	cymbopogon flexuosus	5
Lemon thyme	Thymus × citriodorus	5
Lemon dried peel	Citrus medica limonum	5
Orange peel	Citrus aurantium	5
Marjoram	Origanum vulgare	5
Mint	Mentha piperita	5
Nutmeg	Myristica fragrans	5
Oregano	origanum marjorana	5
Parsley	Carum petroselinum	5
Rosemary	Rosmarinus officinalis	5
Rooibos	Aspalathus linearis	5
Star anise	Illicium verum	5
Sage	Salvia officinalis	5
Thyme	Thymus vulgaris	5
Dill	Anethum graveolans	5
Juniper Berry	Juniperus communis	5
Lovage	Levisticum officinale	5
Kelp	laminaria agardhi	5
Saffron	Crocus sativus dried stigma	5
Vanilla	Vanilla planifolis	5
Blue Malva		5
Rose buds and petals		5
Heather	Caluna vulgaris	5
Hibiscus	Hibiscus rosa sinensis	5
Cornflowers	Cyanora tinctoria	5
Carnation	Dianthus caryophyllus	5
Chamomile		5
Marshmallow		5
Dried Peppermint Leaves		10
Dried Orange Petals		10
Dried lemon slices		10
Dried orange slices		10

Ingredients List D - Essential Oils - Maximum combined total of 2% in the final product

Common Name	INCI name	Individual Limits (%)
Amyris	Amyris balsamifera	3
Black Pepper		3
Cardamom	Elettaria cardamomum	3
Cedarwood Oil	Cedrus atlantica	3
Cypress	Cupressus sempervirens	3
Eucalyptus	Eucalyptus globulus	3
Geranium Oil	Pelargonium graveolens	3
Juniper Oil	Juniperus Communis	3
Lavender Oil	Lavandula augustifolia	3
Lavandin Oil	Lavandula latifolia	3
Patchouli Oil	Pogostemon cablin	3
Pine	Pinus sylvestris	3
Rosemary Oil	Rosmarinus officinalis	3
Rosewood	Aniba rosaeodora	3
Clary Sage	Salvia sclarea	3
Sandalwood	Santalum album	3
Spearmint Oil	Mentha viridis	3
Sweet marjoram	Origanum marjorana	3
Vetiver	Vetiveria zizanoides	3
Frankincense	Boswellia carterii	3
Myrrh	Commiphora myrrha	3

Rose Geranium	Pelargonium rosa	3
Ginger Oil	Zingiber officinalis	3
Gingergrass Oil	Citrus amara	3
Bitter Orange	Cymbopogon martini (sofia	3
Blood Orange	Citrus sinensis	3
Grapefruit Oil	Citrus grandis	3
Lemon Oil	Citrus limonum	3
Ylang Ylang (Extra, I,II and III)	Cananga odorata	3
Lime Oil (distilled only)	Citrus aurantifolia	3
May Chang Oil	Litsea cubeba	3
Mandarin Oil	Citrus nobilis (Green or Red)	3
Neroli	Citrus aurantium	3
Orange	Citrus sinensis	3
Tangerine	Citrus reticulata	3
Tea tree	Melaleuca alternifolia	1
Peppermint Oil	Mentha piperita	2
Chamomile (Roman & Blue)	Anthemis nobilis & Matricaria recutita	3
Origanum	Origanum Vulgare	3
Lemon Mint	Mentha citrate	3
Petitgrain	Citrus aurantium	3
Bergamot (FCF only)	Citrus bergamia	3
Jasmine	Jasminum officinale / sambac	3
Thyme	Thymus vulgaris	3
Yarrow	Achillea millefolium	3
Benzoin (styrax, liquid resin)		0.6

Cinnamon Leaf (not bark)		1
Essential oils - restricted due to methyl eugenol content - Max total combined concentration 0.1%		
Clove		0.1
Rose Absolute		0.1
Rose Otto / Essential Oil		0.025
Bay (sweet)		0.1

Ingredient List E – Fragrance oils

Conditions of use -

Fragrance oils may be added to maximum concentration of 3% (w/w) in the final product, either singly or in combination, providing the following criteria are met -

1. The fragrance oil must be obtained from a EU registered supplier.
2. The fragrance oil must be approved for cosmetic use.
3. The fragrance oil must have an accompanying Manufacturer's MSDS and allergen content statement.
4. The fragrance oil must not contain any ingredient that is prohibited under the Cosmetics Directive.
5. The chemical composition of the fragrance oil must comply with current IFRA guidelines for Category 9 products.
6. Details of the fragrance supplier, together with product name / reference codes must be provided

Allergen Labelling requirements (Fragrance oils and Essential oils)

Allergen declaration

In a Rinse-off product, any of the 26 allergens detailed in the European Commission Directive **2003/15/EC**, that are present in the final product at a concentration greater than or equal to 0.01% must be declared on the product labelling.

Ingredient List F – Extracts (CO₂, Hydro alcoholic, Glycerine)

Common Name	INCI Name	Maximum % in formulation
Arnica		1
Calendula		1
Comfrey leaf (not root)		1
Rosemary		1
Apple		2
Apricot		2
Blackberry		2
Blueberry		2
Fig		2
Grape Red		2
Guava		2
Kiwi Fruit		2
Melon		2
Papaya		2
Prune		2
Raspberry		2
Strawberry		2

Ingredient List G – Permitted Colourings – Maximum 3 %

EU INCI Reference and restrictions	US FDA Colour Additive Name	US Abbreviated Name
CI 12085 (3% Maximum)	D&C Red No. 36	Red 36
CI 14700	FD&C Red No. 4	Red 4
CI 15510	D&C Orange No. 4	Orange 4
CI 15850	D&C Red No. 6	Red 6
CI 15850	D&C Red No. 7	Red 7
CI 15880	D&C Red No. 34	Red 34
CI 15985	FD&C Yellow No. 6	Yellow 6
CI 16035	FD&C Red No. 40	Red 40
CI 17200	D&C Red No. 33	Red 33
CI 19140	FD&C Yellow No. 5	Yellow 5
CI 42053	FD&C Green No. 3	Green 3
CI 42090	FD&C Blue No. 1	Blue 1

CI 42090	D&C Blue No. 4	Blue 4
CI 45350 (6% Max)	D&C Yellow No. 7	Yellow 7
CI 45350 (6% Max)	D&C Yellow No. 8	Yellow 8
CI 45370	D&C Orange No. 5	Orange 5
CI 45380	D&C Red No. 21	Red 21
CI 45380 Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid	D&C Red No. 22	Red 22
CI 45410	D&C Red No. 27	Red 27
CI 45410 Not more than 1% 2-(6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid and 2% 2-(bromo-6-hydroxy-3-oxo-3H-xanthen-9-yl)benzoic acid	D&C Red No. 28	Red 28
CI 47005	D&C Yellow No. 10	Yellow 10
CI 60725	D&C Violet No. 2	Violet 2

CI 61570	D&C Green No. 5	Green 5
CI 73360	D&C Red No. 30	Red 30
CI 77266	D&C Black No. 2	Black 2
CI 77267	D&C Black No. 3	Black 3
CI 75170	Guanine	Guanine
CI 75470	Carmine	Carmine
CI 77007	Ultramarines	Ultramarines
CI 77163	Bismuth Oxychloride	Bismuth Oxychloride
CI 77288	Chromium Oxide Greens	Chromium Oxide Greens
CI 77289	Chromium Hydroxide Green	Chromium Hydroxide Green
CI 77489 CI 77491 CI 77492 CI 77499	Iron Oxides	Iron Oxides
CI 77510 free from cyanide ions	Ferric Ferrocyanide or Ferric Ammonium Ferrocyanide	Ferric Ferrocyanide or Ferric Ammonium Ferrocyanide
CI 77742	Manganese Violet	Manganese Violet

CI 77820	Silver	Silver
CI 77891	Titanium Dioxide	Titanium Dioxide
CI 77947	Zinc Oxide	Zinc Oxide

Cosmetic grade glitters

Cosmetic grade micas

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