

## **EU ALLERGENS DECLARATION**

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| <b>Product Name</b>   | <b>ORANGE ESSENTIAL OIL, BITTER</b>             |
| <b>Botanical Name</b> | Citrus aurantium var. amara                     |
| <b>INCI Name</b>      | Citrus aurantium amara (Bitter Orange) Peel Oil |

To the best of our knowledge, this product contains the following maximum percentage of naturally occurring ingredients listed as the 82 fragrance allergens in the **Commission Regulation (EU) 2023/1545 of 26 July 2023**, amending **Annex III** of the **Cosmetics Regulation (EC) No 1223/2009** as regards labelling of fragrance allergens in cosmetic products. These substances must be mentioned in the list of ingredients if their concentration exceeds **0.001%** in leave-on products and **0.01%** in rinse-off products.

Concentrations are given in % weight in the formula. Concentrations indicated as “-” indicate that the substances are <1ppm and generally below the level of detection using the standard methods developed by the International Fragrance Association (IFRA) (*Chaintreau et al., 2003, J. Agric. Food Chem.*, in press, and the *Method for analysis of allergens EN16274:2021 - Quantification of an extended list of 57 suspected allergens in ready to inject fragrance materials by gas chromatography mass spectrometry*).

| <u><b>Ingredient</b></u>                                                          | <u><b>MAXIMUM<br/>INCLUSION LEVEL<br/>(%)</b></u> |
|-----------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Alpha-Isomethylionone</b><br>CAS Number: 127-51-5<br>EC Number: 204-846-3      | -                                                 |
| <b>Amyl Cinnamal</b><br>CAS Number: 122-40-7<br>EC Number: 204-541-5              | -                                                 |
| <b>Amylcinnamyl Alcohol</b><br>CAS Number: 101-85-9<br>EC Number: 202-982-8       | -                                                 |
| <b>Anise Alcohol</b><br>CAS Number: 105-13-5<br>EC Number: 203-273-6              | -                                                 |
| <b>Benzyl Alcohol</b><br>CAS Number: 100-51-6<br>EC Number: 202-859-9             | -                                                 |
| <b>Benzyl Benzoate</b><br>CAS Number: 120-51-4<br>EC Number: 204-402-9            | -                                                 |
| <b>Benzyl Cinnamate</b><br>CAS Number: 103-41-3<br>EC Number: 203-109-3           | -                                                 |
| <b>Benzyl Salicylate</b><br>CAS Number: 118-58-1<br>EC Number: 204-262-9          | -                                                 |
| <b>Butylphenyl Methylpropional</b><br>CAS Number: 80-54-6<br>EC Number: 201-289-8 | -                                                 |

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| <b>Cinnamal</b><br>CAS Number: 104-55-2<br>EC Number: 203-213-9                                                                             | -    |
| <b>Cinnamyl Alcohol</b><br>CAS Number: 104-54-1<br>EC Number: 203-212-3                                                                     | -    |
| <b>Citral</b><br>(Citral / Geranial / Neral)<br>CAS Number: 5392-40-5 / 141-27-5 / 106-26-3<br>EC Number: 226-394-6 / 205-476-5 / 203-379-2 | 0.1  |
| <b>Citronellol</b><br>CAS Number: 106-22-9 / 26489-01-0 / 1117-61-9 / 7540-51-4<br>EC Number: 203-375-0 / 247-737-6 / 214-250-5 / 231-415-7 | -    |
| <b>Coumarin</b><br>CAS Number: 91-64-5<br>EC Number: 202-086-7                                                                              | -    |
| <b>Eugenol</b><br>CAS Number: 97-53-0<br>EC Number: 202-589-1                                                                               | -    |
| <b>Farnesol</b><br>CAS Number: 4602-84-0<br>EC Number: 225-004-1                                                                            | -    |
| <b>Geraniol</b><br>CAS Number: 106-24-1<br>EC Number: 203-377-1                                                                             | 0.1  |
| <b>Hexyl Cinnamal</b><br>CAS Number: 101-86-0<br>EC Number: 202-983-3                                                                       | -    |
| <b>Hydroxycitronellal</b><br>CAS Number: 107-75-5<br>EC Number: 203-518-7                                                                   | -    |
| <b>Isoeugenol</b><br>CAS Number: 97-54-1 / 5932-68-3 / 5912-86-7<br>EC Number: 202-590-7 / 227-678-2 / 227-633-7                            | -    |
| <b>Limonene</b><br>CAS Number: 138-86-3 / 7705-14-8 / 5989-27-5 / 5989-54-8<br>EC Number: 205-341-0 / 231-732-0 / 227-813-5 / 227-815-6     | 95.0 |
| <b>Linalool</b><br>CAS Number: 78-70-6<br>EC Number: 201-134-4                                                                              | 0.4  |
| <b>Methyl 2-Octynoate</b><br>CAS Number: 111-12-6<br>EC Number: 203-836-6                                                                   | -    |
| <b>Evernia Furfuracea Extract</b><br>(Tree moss extract)<br>CAS Number: 90028-67-4<br>EC Number: 289-860-8                                  | -    |
| <b>Evernia Prunastri Extract</b><br>(Oak moss extract)<br>CAS Number: 90028-68-5<br>EC Number: 289-861-3                                    | -    |

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| <b>3-Propylidenephthalide</b><br>CAS Number: 17369-59-4<br>EC Number: 241-402-8                                                                                                                                                 | -   |
| <b>6-Methyl Coumarin</b><br>CAS Number: 92-48-8<br>EC Number: 202-158-8                                                                                                                                                         | -   |
| <b>Acetyl Cedrene</b><br>CAS Number: 32388-55-9<br>EC Number: 251-020-3                                                                                                                                                         | -   |
| <b>Alpha-Terpinene</b><br>CAS Number: 99-86-5<br>EC Number: 202-795-1                                                                                                                                                           | -   |
| <b>Amyl Salicylate</b><br>CAS Number: 2050-08-0<br>EC Number: 218-080-2                                                                                                                                                         | -   |
| <b>Anethole</b><br>CAS Number: 104-46-1 / 4180-23-8<br>EC Number: 203-205-5 / 224-052-0                                                                                                                                         | -   |
| <b>Benzaldehyde</b><br>CAS Number: 100-52-7<br>EC Number: 202-860-4                                                                                                                                                             | -   |
| <b>Beta- Caryophyllene</b><br>CAS Number: 87-44-5<br>EC Number: 201-746-1                                                                                                                                                       | 0.2 |
| <b>Camphor</b><br>CAS Number: 76-22-2 / 21368-68-3 / 464-49-3 / 464-48-2<br>EC Number: 200-945-0 / 244-350-4 / 207-355-2 / 207-354-7                                                                                            | -   |
| <b>Cananga Odorata Oil / Extract</b><br><i>(Cananga odorata flower oil and extract; Ylang Ylang flower oil and extract)</i><br>CAS Number: 83863-30-3 / 8006-81-3 / 68606-83-7 / 93686-30-7<br>EC Number: 281-092-1 / 297-681-1 | -   |
| <b>Carvone</b><br>CAS Number: 99-49-0 / 6485-40-1 / 2244-16-8<br>EC Number: 202-759-5/ 229-352-5/ 218-827-2                                                                                                                     | -   |
| <b>Cedrus Atlantica Oil / Extract</b><br><i>(Cedrus atlantica oil and extract)</i><br>CAS Number: 92201-55-3 / 8023-85-6<br>EC Number: 295-985-9                                                                                | -   |
| <b>Cinnamomum Cassia Leaf Oil</b><br>CAS Number: 8007-80-5 / 84961-46-6<br>EC Number: 284-635-0                                                                                                                                 | -   |
| <b>Cinnamomum Zeylanicum Bark Oil</b><br>CAS Number: 8015-91-6 / 84649-98-9<br>EC Number: 283-479-0                                                                                                                             | -   |
| <b>Citrus Aurantium Bergamia Peel Oil</b><br><i>(Bergamot Oil)</i><br>CAS Number: 8007-75-8 / 89957-91-5 / 68648-33-9 / 8007-75-8 / 85049-52-1<br>EC Number: 616-915-9 289-612-9                                                | -   |

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| <b>Citrus Aurantium Flower Oil</b><br><i>(Citrus aurantium amara and dulcis flower oil)</i><br>CAS Number: 72968-50-4 / 8028-48-6 / 8016-38-4<br>EC Number: 277-143-2 / 232-433-8                                                                                                                                             | -     |
| <b>Citrus Aurantium Peel Oil</b><br><i>(Citrus aurantium amara and dulcis peel oil; Citrus Sinensis Peel Oil)</i><br>CAS Number: 68916-04-1 / 72968-50-4 / 97766-30-8 / 8028-48-6 / 8008-57-9<br>EC Number: 277-143-2 / 307-891-8 / 232-433-8                                                                                 | 100.0 |
| <b>Citrus Limon Peel Oil</b><br>CAS Number: 84929-31-7 / 8008-56-8<br>EC Number: 284-515-8                                                                                                                                                                                                                                    | -     |
| <b>Dimethyl Phenethyl Acetate</b><br>CAS Number: 151-05-3<br>EC Number: 205-781-3                                                                                                                                                                                                                                             | -     |
| <b>Eucalyptus Globulus Oil</b><br>CAS Number: 97926-40-4 / 8000-48-4<br>EC Number: 308-257-3 / 616-775-9                                                                                                                                                                                                                      | -     |
| <b>Eugenia Caryophyllus Oil</b><br>CAS Number: 8000-34-8 / 8015-97-2 / 84961-50-2<br>EC Number: 616-772-2 / 284-638-7                                                                                                                                                                                                         | -     |
| <b>Eugenyl Acetate</b><br>CAS Number: 93-28-7<br>EC Number: 202-235-6                                                                                                                                                                                                                                                         | -     |
| <b>Geranyl Acetate</b><br>CAS Number: 105-87-3<br>EC Number: 203-341-5                                                                                                                                                                                                                                                        | 0.3   |
| <b>Hexadecanolactone</b><br>CAS Number: 109-29-5<br>EC Number: 203-662-0                                                                                                                                                                                                                                                      | -     |
| <b>Hexamethylindanopyran</b><br>CAS Number: 1222-05-5<br>EC Number: 214-946-9                                                                                                                                                                                                                                                 | -     |
| <b>Isoeugenyl Acetate</b><br>CAS Number: 93-29-8<br>EC Number: 202-236-1                                                                                                                                                                                                                                                      | -     |
| <b>Jasmine Oil / Extract</b><br><i>(Jasminum grandiflorum / officinale oil and extract)</i><br>CAS Number: 84776-64-7 / 90045-94-6 / 8022-96-6 / 8024-43-9<br>EC Number: 283-993-5 / 289-960-1                                                                                                                                | -     |
| <b>Juniperus Virginiana Oil</b><br>CAS Number: 8000-27-9 / 85085-41-2<br>EC Number: 285-370-3                                                                                                                                                                                                                                 | -     |
| <b>Laurus Nobilis Leaf Oil</b><br>CAS Number: 8002-41-3 / 8007-48-5 / 84603-73-6<br>EC Number: 283-272-5                                                                                                                                                                                                                      | -     |
| <b>Lavandula Oil / Extract</b><br><i>(Lavandula hybrida oil/extract; Lavandula intermedia oil/extract; Lavandula angustifolia oil/extract)</i><br>CAS Number: 91722-69-9 / 8022-15-9 / 93455-96-0 / 93455-97-1 / 92623-76-2 / 84776-65-8 / 8000-28-0 / 90063-37-9<br>EC Number: 294-470-6 / 296-408-3 / 283-994-0 / 289-995-2 | -     |

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| <b>Lemongrass Oil</b><br><i>(Cymbopogon citratus / schoenanthus / flexuosus oils)</i><br>CAS Number: 8007-02-1 / 89998-16-3 / 91844-92-7<br>EC Number: 289-754-1 / 295-161-9                                             | -   |
| <b>Linalyl Acetate</b><br>CAS Number: 115-95-7<br>EC Number: 204-116-4                                                                                                                                                   | 1.0 |
| <b>Lippia citriodora absolute</b><br><i>(Verbena absolute)</i><br>CAS Number: 8024-12-2 / 85116-63-8<br>EC Number: 285-515-0                                                                                             | -   |
| <b>Mentha Piperita Oil</b><br>CAS Number: 8006-90-4 / 84082-70-2<br>EC Number: 282-015-4                                                                                                                                 | -   |
| <b>Mentha Viridis Leaf Oil</b><br><i>(Mentha spicata oil / Spearmint oil)</i><br>CAS Number: 8008-79-5/ 84696-51-5<br>EC Number: 616-927-4 / 283-656-2                                                                   | -   |
| <b>Menthol</b><br>CAS Number: 89-78-1 / 1490-04-6 / 2216-51-5 / 15356-60-2<br>EC Number: 201-939-0 / 216-074-4 / 218-690-9 / 239-387-8                                                                                   | -   |
| <b>Methyl Salicylate</b><br>CAS Number: 119-36-8<br>EC Number: 204-317-7                                                                                                                                                 | -   |
| <b>Myroxylon Pereirae Oil / Extract</b><br><i>(Myroxylon balsamum var. pereirae; extracts and distillates; Balsam Peru oil, absolute and anhydrol)</i><br>CAS Number: 8007-00-9<br>EC Number: 232-352-8                  | -   |
| <b>Narcissus Extract</b><br><i>(Narcissus poeticus / pseudonarcissus / jonquilla / tazetta extract)</i><br>CAS Number: 90064-26-9 / 68917-12-4 / 90064-27-0 / 90064-25-8<br>EC Number: 290-087-3 / 290-088-9 / 290-086-8 | -   |
| <b>Pelargonium Graveolens Flower Oil</b><br>CAS Number: 90082-51-2 / 8000-46-2<br>EC Number: 290-140-0                                                                                                                   | -   |
| <b>Pinene</b><br>CAS Number: 80-56-8 / 7785-70-8 / 127-91-3 / 18172-67-3<br>EC Number: 201-291-9 / 232-087-8 / 204-872-5 / 242-060-2                                                                                     | 1.9 |
| <b>Pinus Mugo</b><br><i>(Pinus mugo leaf and twig oil and extract)</i><br>CAS Number: 90082-72-7<br>EC Number: 290-163-6                                                                                                 | -   |
| <b>Pinus Pumila</b><br><i>(Pinus pumila leaf and twig oil and extract)</i><br>CAS Number: 97676-05-6<br>EC Number: 307-681-6                                                                                             | -   |
| <b>Pogostemon Cablin Oil</b><br>CAS Number: 8014-09-3 / 84238-39-1<br>EC Number: 282-493-4                                                                                                                               | -   |

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| <b>Rose Flower Oil / Extract</b><br>CAS Number: 8007-01-0 / 90106-38-0 / 93334-48-6 / 84696-47-9 / 84604-12-6 / 84604-13-7 / 92347-25-6<br>EC Number: 290-260-3 / 297-122-1 / 283-652-0 / 283-289-8 / 283-290-3 / 296-213-3              | -   |
| <b>Rose Ketones</b><br>CAS Number: 43052-87-5 / 23726-94-5 / 24720-09-0 / 23696-85-7 / 57378-68-4 / 71048-82-3 / 23726-92-3 / 23726-91-2<br>EC Number: 245-845-8 / 246-430-4 / 245-833-2 / 260-709-8 / 275-156-8 / 245-843-7 / 245-842-1 | -   |
| <b>Salicylaldehyde</b><br>CAS Number: 90-02-8<br>EC Number: 201-961-0                                                                                                                                                                    | -   |
| <b>Santalol</b><br>CAS Number: 11031-45-1 / 115-71-9 / 77-42-9<br>EC Number: 234-262-4 / 204-102-8 / 201-027-2                                                                                                                           | -   |
| <b>Santalum Album Oil</b><br>CAS Number: 8006-87-9 / 84787-70-2<br>EC Number: 284-111-1                                                                                                                                                  | -   |
| <b>Sclareol</b><br>CAS Number: 515-03-7<br>EC Number: 208-194-0                                                                                                                                                                          | -   |
| <b>Terpineol</b><br>CAS Number: 8000-41-7 / 98-55-5 / 138-87-4 / 586-81-2<br>EC Number: 232-268-1 / 202-680-6 / 205-342-6 / 209-584-3                                                                                                    | 0.3 |
| <b>Terpinolene</b><br>CAS Number: 586-62-9<br>EC Number: 209-578-0                                                                                                                                                                       | -   |
| <b>Tetramethyl acetyloctahydronaphthalenes</b><br>CAS Number: 54464-57-2 / 54464-59-4 / 68155-66-8 / 68155-67-9<br>EC Number: 259-174-3 / 259-175-9 / 268-978-3 / 268-979-9                                                              | -   |
| <b>Trimethylbenzenepropanol</b><br>CAS Number: 103694-68-4<br>EC Number: 403-140-4                                                                                                                                                       | -   |
| <b>Trimethylcyclopentenyl Methylisopentenol</b><br>CAS Number: 67801-20-1<br>EC Number: 267-140-4                                                                                                                                        | -   |
| <b>Turpentine</b><br><i>(Turpentine gum Pinus spp.; Turpentine oil and rectified oil; Turpentine, steam distilled Pinus spp.)</i><br>CAS Number: 9005-90-7 / 8006-64-2 / 8052-14-0<br>EC Number: 232-688-5 / 232-350-7                   | -   |
| <b>Vanillin</b><br>CAS Number: 121-33-5<br>EC Number: 204-465-2                                                                                                                                                                          | -   |

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