

EU ALLERGENS DECLARATION

Product Name	BLACK PEPPER ESSENTIAL OIL
Botanical Name	Piper nigrum
INCI Name	Piper Nigrum (Black Pepper) Seed 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>Ingredient</u>	<u>MAXIMUM INCLUSION LEVEL (%)</u>
Alpha-Isomethylionone CAS Number: 127-51-5 EC Number: 204-846-3	-
Amyl Cinnamal CAS Number: 122-40-7 EC Number: 204-541-5	-
Amylcinnamyl Alcohol CAS Number: 101-85-9 EC Number: 202-982-8	-
Anise Alcohol CAS Number: 105-13-5 EC Number: 203-273-6	-
Benzyl Alcohol CAS Number: 100-51-6 EC Number: 202-859-9	-
Benzyl Benzoate CAS Number: 120-51-4 EC Number: 204-402-9	-
Benzyl Cinnamate CAS Number: 103-41-3 EC Number: 203-109-3	-
Benzyl Salicylate CAS Number: 118-58-1 EC Number: 204-262-9	-
Butylphenyl Methylpropional CAS Number: 80-54-6 EC Number: 201-289-8	-

Cinnamal CAS Number: 104-55-2 EC Number: 203-213-9	-
Cinnamyl Alcohol CAS Number: 104-54-1 EC Number: 203-212-3	-
Citral <i>(Citral / Geranial / Neral)</i> CAS Number: 5392-40-5 / 141-27-5 / 106-26-3 EC Number: 226-394-6 / 205-476-5 / 203-379-2	-
Citronellol CAS Number: 106-22-9 / 26489-01-0 / 1117-61-9 / 7540-51-4 EC Number: 203-375-0 / 247-737-6 / 214-250-5 / 231-415-7	-
Coumarin CAS Number: 91-64-5 EC Number: 202-086-7	-
Eugenol CAS Number: 97-53-0 EC Number: 202-589-1	-
Farnesol CAS Number: 4602-84-0 EC Number: 225-004-1	-
Geraniol CAS Number: 106-24-1 EC Number: 203-377-1	-
Hexyl Cinnamal CAS Number: 101-86-0 EC Number: 202-983-3	-
Hydroxycitronellal CAS Number: 107-75-5 EC Number: 203-518-7	-
Isoeugenol CAS Number: 97-54-1 / 5932-68-3 / 5912-86-7 EC Number: 202-590-7 / 227-678-2 / 227-633-7	-
Limonene CAS Number: 138-86-3 / 7705-14-8 / 5989-27-5 / 5989-54-8 EC Number: 205-341-0 / 231-732-0 / 227-813-5 / 227-815-6	20.0
Linalool CAS Number: 78-70-6 EC Number: 201-134-4	1.0
Methyl 2-Octynoate CAS Number: 111-12-6 EC Number: 203-836-6	-
Evernia Furfuracea Extract <i>(Tree moss extract)</i> CAS Number: 90028-67-4 EC Number: 289-860-8	-
Evernia Prunastri Extract <i>(Oak moss extract)</i> CAS Number: 90028-68-5 EC Number: 289-861-3	-

3-Propylideneophthalide CAS Number: 17369-59-4 EC Number: 241-402-8	-
6-Methyl Coumarin CAS Number: 92-48-8 EC Number: 202-158-8	-
Acetyl Cedrene CAS Number: 32388-55-9 EC Number: 251-020-3	-
Alpha-Terpinene CAS Number: 99-86-5 EC Number: 202-795-1	0.2
Amyl Salicylate CAS Number: 2050-08-0 EC Number: 218-080-2	-
Anethole CAS Number: 104-46-1 / 4180-23-8 EC Number: 203-205-5 / 224-052-0	-
Benzaldehyde CAS Number: 100-52-7 EC Number: 202-860-4	-
Beta- Caryophyllene CAS Number: 87-44-5 EC Number: 201-746-1	29.0
Camphor CAS Number: 76-22-2 / 21368-68-3 / 464-49-3 / 464-48-2 EC Number: 200-945-0 / 244-350-4 / 207-355-2 / 207-354-7	-
Cananga Odorata Oil / Extract <i>(Cananga odorata flower oil and extract; Ylang Ylang flower oil and extract)</i> CAS Number: 83863-30-3 / 8006-81-3 / 68606-83-7 / 93686-30-7 EC Number: 281-092-1 / 297-681-1	-
Carvone CAS Number: 99-49-0 / 6485-40-1 / 2244-16-8 EC Number: 202-759-5/ 229-352-5/ 218-827-2	-
Cedrus Atlantica Oil / Extract <i>(Cedrus atlantica oil and extract)</i> CAS Number: 92201-55-3 / 8023-85-6 EC Number: 295-985-9	-
Cinnamomum Cassia Leaf Oil CAS Number: 8007-80-5 / 84961-46-6 EC Number: 284-635-0	-
Cinnamomum Zeylanicum Bark Oil CAS Number: 8015-91-6 / 84649-98-9 EC Number: 283-479-0	-
Citrus Aurantium Bergamia Peel Oil <i>(Bergamot Oil)</i> CAS Number: 8007-75-8 / 89957-91-5 / 68648-33-9 / 8007-75-8 / 85049-52-1 EC Number: 616-915-9 289-612-9	-

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

Lemongrass Oil <i>(Cymbopogon citratus / schoenanthus / flexuosus oils)</i> CAS Number: 8007-02-1 / 89998-16-3 / 91844-92-7 EC Number: 289-754-1 / 295-161-9	-
Linalyl Acetate CAS Number: 115-95-7 EC Number: 204-116-4	-
Lippia citriodora absolute <i>(Verbena absolute)</i> CAS Number: 8024-12-2 / 85116-63-8 EC Number: 285-515-0	-
Mentha Piperita Oil CAS Number: 8006-90-4 / 84082-70-2 EC Number: 282-015-4	-
Mentha Viridis Leaf Oil <i>(Mentha spicata oil / Spearmint oil)</i> CAS Number: 8008-79-5/ 84696-51-5 EC Number: 616-927-4 / 283-656-2	-
Menthol CAS Number: 89-78-1 / 1490-04-6 / 2216-51-5 / 15356-60-2 EC Number: 201-939-0 / 216-074-4 / 218-690-9 / 239-387-8	-
Methyl Salicylate CAS Number: 119-36-8 EC Number: 204-317-7	-
Myroxylon Pereirae Oil / Extract <i>(Myroxylon balsamum var. pereirae; extracts and distillates; Balsam Peru oil, absolute and anhydrol)</i> CAS Number: 8007-00-9 EC Number: 232-352-8	-
Narcissus Extract <i>(Narcissus poeticus / pseudonarcissus / jonquilla / tazetta extract)</i> CAS Number: 90064-26-9 / 68917-12-4 / 90064-27-0 / 90064-25-8 EC Number: 290-087-3 / 290-088-9 / 290-086-8	-
Pelargonium Graveolens Flower Oil CAS Number: 90082-51-2 / 8000-46-2 EC Number: 290-140-0	-
Pinene CAS Number: 80-56-8 / 7785-70-8 / 127-91-3 / 18172-67-3 EC Number: 201-291-9 / 232-087-8 / 204-872-5 / 242-060-2	24.0
Pinus Mugo <i>(Pinus mugo leaf and twig oil and extract)</i> CAS Number: 90082-72-7 EC Number: 290-163-6	-
Pinus Pumila <i>(Pinus pumila leaf and twig oil and extract)</i> CAS Number: 97676-05-6 EC Number: 307-681-6	-
Pogostemon Cablin Oil CAS Number: 8014-09-3 / 84238-39-1 EC Number: 282-493-4	-

Rose Flower Oil / Extract CAS Number: 8007-01-0 / 90106-38-0 / 93334-48-6 / 84696-47-9 / 84604-12-6 / 84604-13-7 / 92347-25-6 EC Number: 290-260-3 / 297-122-1 / 283-652-0 / 283-289-8 / 283-290-3 / 296-213-3	-
Rose Ketones 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 EC Number: 245-845-8 / 246-430-4 / 245-833-2 / 260-709-8 / 275-156-8 / 245-843-7 / 245-842-1	-
Salicylaldehyde CAS Number: 90-02-8 EC Number: 201-961-0	-
Santalol CAS Number: 11031-45-1 / 115-71-9 / 77-42-9 EC Number: 234-262-4 / 204-102-8 / 201-027-2	-
Santalum Album Oil CAS Number: 8006-87-9 / 84787-70-2 EC Number: 284-111-1	-
Sclareol CAS Number: 515-03-7 EC Number: 208-194-0	-
Terpineol CAS Number: 8000-41-7 / 98-55-5 / 138-87-4 / 586-81-2 EC Number: 232-268-1 / 202-680-6 / 205-342-6 / 209-584-3	-
Terpinolene CAS Number: 586-62-9 EC Number: 209-578-0	1.0
Tetramethyl acetyloctahydronaphthalenes CAS Number: 54464-57-2 / 54464-59-4 / 68155-66-8 / 68155-67-9 EC Number: 259-174-3 / 259-175-9 / 268-978-3 / 268-979-9	-
Trimethylbenzenepropanol CAS Number: 103694-68-4 EC Number: 403-140-4	-
Trimethylcyclopentenyl Methylisopentenol CAS Number: 67801-20-1 EC Number: 267-140-4	-
Turpentine <i>(Turpentine gum Pinus spp.; Turpentine oil and rectified oil; Turpentine, steam distilled Pinus spp.)</i> CAS Number: 9005-90-7 / 8006-64-2 / 8052-14-0 EC Number: 232-688-5 / 232-350-7	-
Vanillin CAS Number: 121-33-5 EC Number: 204-465-2	-