



Product Code	K0323
Product Name	Orange Bitter, Essential Oil
Alcohol Status	O&3 can confirm that Orange Bitter, Essential Oil is free of Alcohol.
Animal Testing	O&3 can confirm that Orange Bitter, Essential Oil has not been Animal Tested for cosmetic purposes by or on behalf of the company, nor has any of its component parts named in the International Cosmetic Ingredient Dictionary & Handbook (11th Edition), 31st December 1990.
BSE/TSE Status	O&3 can confirm that Orange Bitter, Essential Oil is not derived from Animal Origin, therefore a BSE/TSE statement is not applicable.
Calif Proposition 65	O&3 can confirm to their best of their knowledge that Orange Bitter, Essential Oil contains Myrcene / Beta Myrcene which is known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.
CAS Number	72968-50-4
Chloramphenicol Residue	O&3 can confirm that Orange Bitter, Essential Oil is free from Chloramphenicol residues.
CITES Status	O&3 can confirm that Orange Bitter, Essential Oil is not endangered & therefore not applicable for CITES certification.
Classification, Labelling & Packaging (CLP)	O&3 can confirm that Orange Bitter, Essential Oil complies with Regulation (EC) no 1272/2008; classification, labelling & packaging of substances and mixtures (CLP).
CMR Status	O&3 can confirm that Orange Bitter, Essential Oil is not classified as carcinogenic, mutagenic or toxic according to regulation 1272/2008.
Cosmetic Status	O&3 can confirm that Orange Bitter, Essential Oil is suitable for cosmetic application. It is not included in the list of substances prohibited in cosmetic products. Neither does it contain parabens, restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).
Customs Tariff Code	3301 1210 00
EINCS Number	277-143-2
Ethylene Oxide Status	O&3 can confirm that Ethylene Oxide is not being used in production process of Orange Bitter, Essential Oi.
Food Status	O&3 can confirm that Orange Bitter, Essential Oil is suitable for food application, only when the appropriate quantity/dilution is used. This material complies with European Food Regulations (i.e. 2023/915). Please note, if you intend on using this product as a food ingredient we insist you email our Technical Team before doing so for our opinion on the dilution applied to your finished product.
Functionality	Antimicrobial, Cleansing, Cooling, Energising
Gluten Free	O&3 can confirm that Orange Bitter, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
Gluten Free Statement	O&3 can confirm that Orange Bitter, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
GMO (IP) Status	O&3 can confirm that Orange Bitter, Essential Oil is not derived/produced from a raw material that has been genetically modified.
HACCP & GMP Statement	O&3 can confirm that Orange Bitter, Essential Oil has been produced under Good Manufacturing Practices (GMP) and a HACCP system. O&3 is BRC certified.
Hair Benefits	Bitter Orange Essential Oil can be used in hair care products for its clarifying and invigorating qualities. The oil's refreshing properties can help Revitalise the scalp and promote a clean and healthy environment. It can be added to shampoos, conditioners, or scalp treatments to infuse a pleasant citrus scent and provide a refreshing sensation. While not primarily known for its specific hair benefits, Bitter Orange Essential Oil's overall invigorating properties can indirectly support scalp health by promoting a Revitalised scalp and boosting the overall well-being of the hair.

The attached information is considered to be correct. Please be aware that detail can change and we encourage clients to update their technical records regularly via www.oand3.com/products/.

The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. It is the ultimate responsibility of the client to pre-approve & assess the safety and suitability of the listed ingredient before use in any final formulations. We encourage carrying out additional tests if necessary. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission from O&3.

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Halal	O&3 can confirm this product is not Halal certified, however it does not contain any animal derived product or ingredient, hence it is HALAL applicable.
INCI Listing	Citrus Aurantium Peel Oil Expressed
Irradiation Status	O&3 can confirm that Orange Bitter, Essential Oil has not been irradiated at any stage of production.
Karanal Status	O&3 can confirm that Orange Bitter, Essential Oil is free from Karanal.
Key Essential Fatty Acid Compounds	
Kosher	O&3 can confirm that Orange Bitter, Essential Oil is not Kosher Certified.
Leaping Bunny	O&3 can confirm that Orange Bitter, Essential Oil complies with the criteria of the Humane Cosmetics Standard & has not been tested or re-tested on animals for cosmetic purposes by or on behalf of O&3.
Manufacturing Method	Expressed
Methyl Salicylate Status	O&3 can confirm that Orange Bitter, Essential Oil is free from Methyl Salicylate.
Microbiological & PAH Status & Heavy Metals & Pesticides	O&3 can confirm that Orange Bitter, Essential Oil does not have a micro specification because the product was sterilized in the production process. We can confirm that there is no detectable amounts of pesticides. It is produced from natural raw material and complies within the limits of the oil-related requirements of European Regulation 2023/915 regarding heavy metals, dioxins, dioxin-like PCBs, Benzo-a-pyrene & PAH.
Mycotoxins Status	O&3 can confirm that Orange Bitter, Essential Oil is compliant with the requirements of the Regulation (EC) N° 2023/915. We can confirm this product is free from: Aflatoxins, Ergot alkaloids, Patulin, Alternaria toxins, Ochratoxin A, Fusarium toxins.
Nagoya Protocol	O&3 can confirm that this material does not fall into the scope of EU ABS Regulation (EU) No 511/2014 (also known as the Nagoya Protocol).
Nanomaterials Status	O&3 can confirm with reference to Orange Bitter, Essential Oil that no Nanomaterials were added at any stage of the manufacturing/production process, in accordance with EU Cosmetics Regulation.
Organic	Not applicable to this grade of product. Organic versions are available on request, please see our Organic category.
Origin Statement	O&3 can confirm Orange Bitter, Essential Oil origin is Dominica & Mexico.
Palm Status	O&3 can confirm that palm oil has not been used in the process of manufacturing Orange Bitter, Essential Oil.
Parabens Status	O&3 can confirm that Orange Bitter, Essential Oil is free from Parabens.
Product Page Intro	Introducing Orange Bitter, Essential Oil, boasting a rich history dating back centuries. Traditionally used in Chinese and Ayurvedic medicine, this oil gained prominence for its remarkable skincare and haircare properties. Its roots can be traced to ancient civilisations, where it was highly prized for its versatile healing qualities. Its anti-inflammatory attributes can help soothe skin irritations and reduce redness, whilst its antiseptic and antifungal qualities make it an excellent choice for maintaining skin and scalp health. Incorporating Orange Bitter, Essential Oil into your formulations can offer a natural and time-tested solution for improving skin and hair health while connecting to a rich historical tradition of wellness. Contact us today for a quote or order a sample and elevate your products with Orange Bitter, Essential Oil.
Product Status	Pure & Natural.
Pyrrolizidine Alkaloids Status	O&3 can confirm that Orange Bitter, Essential Oil is free from any Pyrrolizidine Alkaloids.
REACH Status	Exempt 1T Per annum.
Residual Solvents	O&3 can confirm that no solvents or preservatives we used in the production of Orange Bitter, Essential Oil

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Skin Benefits	Bitter Orange Essential Oil is known for its invigorating and clarifying properties, making it beneficial for aromatherapy and personal care products. It can help uplift the mood, promote mental clarity, and create an energising ambiance. Bitter Orange Essential Oil is commonly used in diffusers, bath blends, massage oils, or personal perfumes to enjoy its aromatic benefits. The oil's intense and citrusy aroma adds a captivating and exotic touch to various products.
SVHC (Substances of Very High Concern) & Impurities Status	O&3 can confirm that Orange Bitter, Essential Oil is free from of SVHC and any impurities.
Vegan	O&3 can confirm that Orange Bitter, Essential Oil is suitable for Vegans.
Natural Index	1
Natural Content	100%

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