



Product Code	K0359
<b>Product Name</b>	<b>Plai, Essential Oil</b>
Alcohol Status	O&3 can confirm that Plai, Essential Oil is free of Alcohol.
Animal Testing	O&3 can confirm that Plai, 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 Plai, 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 Plai, Essential Oil contains Myrcene / B-Myrcene which is listed on the Californian Proposition 65 list.
CAS Number	84696-15-1 / 8007-08-7
Chloramphenicol Residue	O&3 can confirm that Plai, Essential Oil is free from Chloramphenicol residues.
CITES Status	O&3 can confirm that Plai, Essential Oil is not endangered & therefore not applicable for CITES certification.
Classification, Labelling & Packaging (CLP)	O&3 can confirm that Plai, Essential Oil complies with Regulation (EC) no 1272/2008; classification, labelling & packaging of substances and mixtures (CLP).
CMR Status	O&3 can confirm that Plai, Essential Oil contains p-Cymene and gamma-Terpinene which are both considered CMR substances.
Cosmetic Status	O&3 can confirm that Plai, 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 2949 00
EINCS Number	283-634-2
Ethylene Oxide Status	O&3 can confirm that Ethylene Oxide is not being used in production process of Plai, Essential Oil.
Food Status	O&3 can confirm that Plai, Essential Oil is not a food grade product, however it 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). Food Grade ingredients are available on request.
Functionality	Anti-Inflammatory, Cooling, Healing & Soothing
Gluten Free	O&3 can confirm that Plai, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
Gluten Free Statement	O&3 can confirm that Plai, Essential Oil is not derived from, neither does it contain any Gluten ingredients.
GMO (IP) Status	O&3 can confirm that Plai, Essential Oil is not derived/produced from a raw material that has been genetically modified.
HACCP & GMP Statement	O&3 can confirm that Plai, Essential Oil has been produced under Good Manufacturing Practices (GMP) and a HACCP system. O&3 is BRC certified.
Hair Benefits	Plai essential oil can provide a warm and spicy aroma to hair care products. It can be added to shampoos, conditioners, or hair oils to create a soothing and invigorating experience for the scalp and hair.
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	Zingiber Cassumunar Root
Irradiation Status	O&3 can confirm that Plai, Essential Oil has not been irradiated at any stage of production.
Karanal Status	O&3 can confirm that Plai, Essential Oil is free from Karanal.

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/](http://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.



Key Essential Fatty Acid Compounds	
Kosher	O&3 can confirm that Plai, Essential Oil is not Kosher Certified.
Leaping Bunny	O&3 can confirm that Plai, 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	Steam Distilled
Methyl Salicylate Status	O&3 can confirm that Plai, Essential Oil is free from Methyl Salicylate.
Microbiological & PAH Status & Heavy Metals & Pesticides	O&3 can confirm that Plai, 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 Plai, 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 Plai, 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 Plai, Essential Oil origin is Thailand
Palm Status	O&3 can confirm that palm oil has not been used in the process of manufacturing Plai, Essential Oil .
Parabens Status	O&3 can confirm that Plai, Essential Oil is free from Parabens.
Product Page Intro	Immerse yourself in the tranquil aroma of Plai, Essential Oil, native to Southeast Asia. Plai, Essential Oil has been cherished for centuries in traditional medicine for its wide range of therapeutic properties. It is known for its anti-inflammatory, antibacterial, and antifungal properties, making it an effective treatment for various skin conditions such as acne and eczema. In addition to its medicinal benefits, Plai, Essential Oil is also a favourite in aromatherapy. Its uplifting and calming aroma can help reduce stress, anxiety, and fatigue, promoting mental clarity and emotional balance. Whether diffused into the air, added to a carrier oil for massage, or incorporated into skincare products, Plai, Essential Oil is a versatile addition to formulations. Contact us today for a quote or order a sample and elevate your products with this exceptional ingredient.
Product Status	Pure & Natural.
Pyrrrolizidine Alkaloids Status	O&3 can confirm that Plai, Essential Oil is free from any Pyrrrolizidine Alkaloids.
REACH Status	Please see our Material Safety Data Sheet (MSDS).
Residual Solvents	O&3 can confirm that no solvents or preservatives we used in the production of Plai, Essential Oil
Skin Benefits	Plai essential oil has soothing and calming properties for the skin. It can be used in skincare products such as balms, creams, or massage oils to provide a comforting and relaxing experience.
SVHC (Substances of Very High Concern) & Impurities Status	O&3 can confirm that Plai, Essential Oil is free from of SVHC and any impurities.
Vegan	O&3 can confirm that Plai, Essential Oil is suitable for Vegans.

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