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SPECIFICATIONS

PRODUCT: Oils of Aloha® KUKUI DEO WITHOUT VITAMIN A (Retinyl Palmitate)
INCI NAME: Aleurites Moluccana Seed Oil

INTRODUCTION:

The kukui tree is indigenous to Hawaii and was designated the Official State Tree in 1959. This highly polyunsaturated oil is expeller pressed from the kukui kernel. The oil is stabilized with antioxidants - Ascorbyl Palmitate, D-Alpha Tocopherol and Tocopherol. It is an outstanding emollient that leaves the skin with a non-greasy after feel. Kukui oil is refined according to Oils of Aloha strict standards. Contains no solvents. The term DEO reflects the process of deodorization. We put our macadamia oil through an additional process under high vacuum and temperature using pure steam to improve the shelf life and remove the final traces of aroma from this natural oil.

CHEMICAL AND PHYSICAL PROPERTIES

Acid Value: Less than 1

Color: Light Yellow/Amber

Iodine Value: 153 to 175

Odor: Deodorized

Saponification #: 185 to 195

Non-Saponifiables: Less than 1%

Peroxide Value: Under 5 meq/kg

Refractive Index: 1.474 to 1.478

Solidification Point: -22°C

Specific Gravity: .92 to .93

TYPICAL FATTY ACID COMPOSITION

Palmitic 6 to 8%

Stearic 2 to 3%

Oleic 17 to 25%

Linoleic 39 to 43%

Linolenic 24 to 29%

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TOXICITY DATA:

Kukui kernels are recognized as edible in Hawaii and have been used by the Hawaiian people for their medicinal properties for hundreds of years. The oil is nonirritating to the eyes, and has no known side effects. Its highly unsaturated fatty acid profile makes this oil an ideal natural cosmetic base. Evidence indicates that this oil benefits acne, eczema, psoriasis and other common skin problems. Used extensively in the treatment of burns. Contains no animal by-products. This product is wild harvested and is not genetically modified. This material does not contain any allergenic sensitizers associated with peanut allergies.