

# AMAZON ANDIROBA OIL



**2 ounces: \$21.95**

**4 ounces: \$29.95**

**8 ounces: \$39.95**

Andiroba Oil is an emollient nut oil which has been processed from the seeds or nuts of the Amazonian tree, *Carapa guianensis*. The Indians in the Amazon have used andiroba oil for centuries as a natural insect repellent.\* Chemical analysis of andiroba oil has identified the presence of a group of chemicals called limonoids. The anti-inflammatory and insect repellent properties of andiroba oil are attributed to the presence of these limonoids, including a novel one which has been named andirobin.\* For more complete information on this unique rainforest nut oil, please see the Raintree Nutrition internet website and the online [Tropical Plant Database](#).

**Traditional Uses:**\* for insect bites and stings; as an insect repellent; for psoriasis, dermatitis, heat rash, skin fungi, and other skin problems; for skin parasites; for skin cancer

**Ingredients:** 100% all natural andiroba oil (*Carapa guianensis*). No preservatives, additives or other chemicals are added.

**Suggested Use:** Apply to skin as desired, and/or take 60 drops (2 ml) internally twice daily.

**Contraindications:** Do not take internally while pregnant or while breast-feeding.

**Drug Interactions:** None reported.

**Other Observations:** None reported.

**Clinical Documentation and Research:**\* This Raintree product has not been the subject of any clinical research. Available third-party research on andiroba can be found at the Raintree website or on [Pubmed](#). A partial listing of published research on andiroba is shown below:

## **Insect Repellent & Insecticidal Actions:**

Roy, A., et al. "Limonoids: overview of significant bioactive triterpenes distributed in plants kingdom. *Biol. Pharm. Bull.* 2006; 29(2): 191-201.

de Mendonca, F. A., et al. "Activities of some Brazilian plants against larvae of the mosquito *Aedes aegypti*." *Fitoterapia.* 2005 Dec; 76(7-8): 629-36.

Silva, O. S., et al. "The use of andiroba *Carapa guianensis* as larvicide against *Aedes albopictus*." *J. Am. Mosq. Control Assoc.* 2004 Dec; 20(4): 456-7.

Miot, H. A., et al. "Comparative study of the topical effectiveness of the Andiroba oil (*Carapa guianensis*) and DEET 50% as repellent for *Aedes* sp." *Rev. Inst. Med. Trop. Sao Paulo.* 2004 Sep-Oct; 46(5): 253-6.

Konan, Y. L., et al. "Comparison of the effect of two excipients (karite nut butter and vaseline) on the efficacy of *Cocos nucifera*, *Elaeis guineensis* and *Carapa procera* oil-based repellents formulations against mosquitoes biting in Ivory Coast." *Parasite.* 2003 Jun; 10(2): 181-4.

Sylla, M., et al. "Evaluation of the efficacy of coconut (*Cocos nucifera*), palm nut (*Elaeis guineensis*) and gobi (*Carapa procera*) lotions and creams in individual protection against *Simulium damnosum* S.L. bites in Cote d'Ivoire." *Bull. Soc. Pathol. Exot.* 2003 May; 96(2): 104-9.

Gilbert, B., et al. "Activities of the Pharmaceutical Technology Institute of the Oswaldo Cruz Foundation with medicinal, insecticidal and insect repellent plants." *An. Acad. Bras. Cienc.* 1999; 71(2): 265-71.

Mikolajczak, K. L., et al. "A limonoid antifeedant from seed of *Carapa procera*." *J. Nat. Prod.* 1988; 51(3): 606-10

**Antiparasitic & Antiprotozoal Actions:**

Mesquita, M. L., et al. "Antileishmanial and trypanocidal activity of Brazilian Cerrado plants." *Mem. Inst. Oswaldo Cruz.* 2005 Nov; 100(7): 783-7.

MacKinnon, S., et al. "Antimalarial activity of tropical Meliaceae extracts and gedunin derivatives." *J. Nat. Prod.* 1997; 60(4): 336-41.

Titanji, J. P., et al. "Novel *Onchocerca volvulus* filaricides from *Carapa procera*, *Polyathia suaveolens* and *Pachypodanthium staudtii*." *Acta. Leiden.* 1990; 59: (1-2) 377-82.

**Anti-Allergic Actions:**

Penido, C., et al. "Inhibition of allergen-induced eosinophil recruitment by natural tetranortriterpenoids is mediated by the suppression of IL-5, CCL11/eotaxin and NFkappaB activation." *Int. Immunopharmacol.* 2006; 6(2): 109-21.

Penido, C., et al. "Anti-allergic effects of natural tetranortriterpenoids isolated from *Carapa guianensis* Aublet on allergen-induced vascular permeability and hyperalgesia." *Inflamm. Res.* 2005; 54(7): 295-303.

**Anti-Inflammatory & Pain-Relieving Actions:**

Penido C, et al. "Antiinflammatory effects of natural tetranortriterpenoids isolated from *Carapa guianensis* Aublet on zymosan-induced arthritis in mice." *Inflamm. Res.* 2006; 55(11): 457-64.

Penido, C., et al. "Anti-allergic effects of natural tetranortriterpenoids isolated from *Carapa guianensis* Aublet on allergen-induced vascular permeability and hyperalgesia." *Inflamm. Res.* 2005; 54(7): 295-303.

Hammer, M. L., et al. "Tapping an Amazonian plethora: four medicinal plants of Marajó Island, Pará (Brazil)." *J. Ethnopharmacol.* 1993 Sep; 40(1): 53-75.

**Wound Healing Actions:**

Hammer, M. L., et al. "Tapping an Amazonian plethora: four medicinal plants of Marajó Island, Pará (Brazil)." *J. Ethnopharmacol.* 1993 Sep; 40(1): 53-75.

**Cytotoxic and Anticancerous Actions:**

Moura, M. D., et al. "Natural products reported as potential inhibitors of uterine cervical neoplasia." *Acta. Farm. Bonaerense.* 2002; 21(1): 67-74.

Cohen, E., et al. "Cytotoxicity of nibolide, epoxyazadiradione and other liminoids from neem insecticide." *Life Sci.* 1996; 58(13): 1075-81.

Hammer, M. L., et al. "Tapping an Amazonian plethora: four medicinal plants of Marajó Island, Pará (Brazil)." *J. Ethnopharmacol.* 1993 Sep; 40(1): 53-75.

Nakanishi, K., et al. "Phytochemical survey of Malaysian plants." *Chem. Pharm. Bull.* 1965; 13(7): 882-890.

**Antimicrobial Actions (bacteria):**

Nakanishi, K., et al. "Phytochemical survey of Malaysian plants." *Chem. Pharm. Bull.* 1965; 13(7): 882-890.

This Raintree product is a professional product sold through health practitioners and [Raintree Nutrition](#). It is not available in retail stores. Please contact a health professional concerning other observations and/or effects of this product and/or if you have any disease, condition, or illness for which you are seeking treatment or products for.

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\* The statements contained herein have not been evaluated by the Food and Drug Administration.  
This product is not intended to treat, cure, or prevent any disease.