

# AMAZON SINUS SUPPORT EXTRACT\*

2 fluid ounces (60 ml)

Retail price: \$21.95



A synergistic formula of 8 rainforest botanicals which have been used indigenously in the rainforest and South America for the sinuses.\* This is same formula as our popular Sinus Support capsules but in a non-alcohol water/glycerine extract to make it easier for children who can't swallow capsules. For more complete information on these unique rainforest plant ingredients, please see the Raintree Nutrition internet website and the online [Tropical Plant Database](#).

**Ingredients:** A proprietary blend of nettle, carqueja, gervão, picão preto, yerba mate, jatoba, pau d'arco, and guaco extracted in distilled water and vegetable glycerine.

**Suggested Use:** Take 30-60 drops 2-3 times daily. For children, take 10 drops for every 25 pound in body weight every 4-6 hours.

**Contraindications:** None reported.

**Drug Interactions:** None reported.

**Other Observations:**

- Several plants in this formula have been documented to reduce blood pressure in animal studies. Individuals with low blood pressure should be monitored for this possible effect.
- Yerba mate contains naturally occurring caffeine. Those sensitive to or allergic to caffeine should avoid this formula.
- Gervão contains a small quantity of salicylic acid. Those allergic to aspirin or salicylic acid should not take this formula.

**Clinical Documentation and Research:\*** This proprietary Raintree product has not been the subject of any clinical research. Available third-party documentation and research on each ingredient in this formula can be found at the Raintree website. A partial listing of published third-party research on these ingredients is shown below:

## [Nettle \(\*Urtica dioica\*\)](#)

Thornhill, S. M., et al. "Natural treatment of perennial allergic rhinitis." *Altern. Med. Rev.* 2000; 5(5): 448-54.

Galelli, A., et al. "*Urtica dioica* agglutinin. A superantigenic lectin from stinging nettle rhizome." *J. Immunol.* 1993; 151(4): 1821-31.

Mittman, P. "Randomized, double-blind study of freeze-dried *Urtica dioica* in the treatment of allergic rhinitis." *Planta Med.* 1990; 56(1): 44-7.

Gulcin, I., et al. "Antioxidant, antimicrobial, antiulcer and analgesic activities of nettle (*Urtica dioica* L.)." *J. Ethnopharmacol.* 2004; 90(2-3): 205-15.

## [Carqueja \(\*Baccharis\* sp\)](#)

Abad, M. J., et al. "Anti-inflammatory activity of four Bolivian *Baccharis* species (Compositae)." *J. Ethnopharmacol.* 2006 Feb; 103(3): 338-44.

Hnatsyzyn, O., et al. "Argentinian plant extracts with relaxant effect on the smooth muscle of the corpus cavernosum of guinea pig." *Phytomedicine.* 2003 Nov; 10(8): 669-74.

Torres, L. M., et al. "Diterpene from *Baccharis trimera* with a relaxant effect on rat vascular smooth muscle." *Phytochemistry.* 2000 Nov; 55(6): 617-9.

Gene, R. M., et al. "Anti-inflammatory and analgesic activity of *Baccharis trimera*: Identification of its active constituents." *Planta. Med.* 1996; 62(3): 232-5.

## [Gervão \(\*Stachytarpheta cayennensis\*\)](#)

Hazekamp, A., et al. "Isolation of a bronchodilator flavonoid from the Thai medicinal plant *Clerodendrum petasites*." *J. Ethnopharmacol.* 2001; 78(1): 45-9.

Mesia-Vela, S., et al. "Pharmacological study of *Stachytarpheta cayennensis* Vahl in rodents." *Phytomedicine.* 2004; 11(7-8): 616-24.

Schapoval, E. E., et al. "Anti-inflammatory and antinociceptive activities of extracts and isolated compounds from *Stachytarpheta cayennensis*." *J. Ethnopharmacol.* 1998; 60(1): 53–9.

Melita Rodriguez, S., et al. "Pharmacological and chemical evaluation of *Stachytarpheta jamaicensis* (Verbenaceae)." *Rev. Biol. Trop.* 1996 Aug; 44(2A): 353-9.

Gil, B., et al. "Effects of flavonoids on *Naja Naja* and human recombinant synovial phospholipases A2 and inflammatory responses in mice." *Life Sci.* 1994; 54(20): PL333–38.

### **Picão Preto (*Bidens pilosa*)**

Chiang, Y. M., et al. "Ethyl caffeate suppresses NF-kappaB activation and its downstream inflammatory mediators, iNOS, COX-2, and PGE2 *in vitro* or in mouse skin." *Br. J. Pharmacol.* 2005 Oct; 146(3): 352-63.

Nguelefack, T. B., et al. "Relaxant effects of the neutral extract of the leaves of *Bidens pilosa* Linn on isolated rat vascular smooth muscle." *Phytother. Res.* 2005; 19(3): 207-10.

Pereira, R. L., et al. "Immunosuppressive and anti-inflammatory effects of methanolic extract and the polyacetylene isolated from *Bidens pilosa* L." *Immunopharmacology.* 1999; 43(1): 31–7.

Jager, A. K., et al. "Screening of Zulu medicinal plants for prostaglandin-synthesis inhibitors" *J. Ethnopharmacol.* 1996; 52(2): 95–100.

Chih, H. W., et al. "Anti-inflammatory activity of Taiwan folk medicine 'ham-hong-chho' in rats." *Am. J. Chin. Med.* 1995; 23(3–4): 273–78.

### **Yerba Mate (*Ilex paraguariensis*)**

Matsunaga, K., et al. "Inhibitory action of Paraguayan medicinal plants on 5-lipoxygenase." *Natural Med.* 2000; 54(3): 151–54.

Marr, K., et al. "Pharmacokinetics and pharmacodynamics of fenleuton, a 5-lipoxygenase inhibitor, in ponies." *Res. Vet. Sci.* 1998; 64(2): 111–17.

Yasukawa, K., et al. "Inhibitory effect of edible plant extracts on 12-o-tetradecanoylphorbol-13-acetate-induced ear oedema in mice." *Phytother. Res.* 1993; 7(2): 185–89.

Chandra, S., et al. "Polyphenolic compounds, antioxidant capacity, and quinone reductase activity of an aqueous extract of *Ardisia compressa* in comparison to mate (*Ilex paraguariensis*) and green (*Camellia sinensis*) teas." *J. Agric. Food Chem.* 2004 Jun; 52(11): 3583-9.

### **Jatoba (*Hymenaea courbaril*)**

Yang, D., et al. "Use of caryophyllene oxide as an antifungal agent in an *in vitro* experimental model of onychomycosis." *Mycopathologia.* 1999; 148(2): 79–82.

Hostettmann, K., et al. "Phytochemistry of plants used in traditional medicine." *Proceedings of the Phytochemical Society of Europe.* Clarendon Press, Oxford. 1995.

Rahalison, L., et al. "Screening for antifungal activity of Panamanian plants." *Inst. J. Pharmacog.* 1993; 31(1): 68–76.

Verpoorte, R., et al. "Medicinal plants of Surinam. IV. Antimicrobial activity of some medicinal plants." *J. Ethnopharmacol.* 1987; 21(3): 315–18.

Arrhenius, S.P., et al. "Inhibitory effects of *Hymenaea* and *Copaifera* leaf resins on the leaf fungus, *Pestalotia subcuticulari*." *Biochem. Syst. Ecol.* 1983; 11(4): 361–66.

### **Pau d'arco (*Tabebuia impetiginosa*)**

Park, B. S., et al. "Selective growth-inhibiting effects of compounds identified in *Tabebuia impetiginosa* inner bark on human intestinal bacteria." *J. Agric. Food Chem.* 2005 Feb; 23;53(4): 1152-7.

Park, B. S., et al. "Antibacterial activity of *Tabebuia impetiginosa* Martius ex DC (Taheebo) against *Helicobacter pylori*." *J. Ethnopharmacol.* 2005 Dec;

Machado, T. B., et al. "*In vitro* activity of Brazilian medicinal plants, naturally occurring naphthoquinones and their analogues, against methicillin-resistant *Staphylococcus aureus*." *Int. J. Antimicrob. Agents.* 2003; 21(3): 279-84.

Portillo, A., et al. "Antifungal activity of Paraguayan plants used in traditional medicine." *J. Ethnopharmacol.* 2001; 76(1): 93–8.

Nagata, K., et al. "Antimicrobial activity of novel furanonaphthoquinone analogs." *Antimicrobial Agents Chemother.* 1998; 42(3): 700–2.

Binutu, O. A., et al. "Antimicrobial potentials of some plant species of the *Bignoniaceae* family." *Afr. J. Med. Sci.*

1994; 23(3): 269–73.

**Guaco (Mikania guaco)**

Soares de Moura, R., et al. "Bronchodilator activity of *Mikania glomerata* Sprengel on human bronchi and guinea-pig trachea." *J. Pharm. Pharmacol.* 2002; 54(2): 249-56.

Fierro, I. M., et al. "Studies on the anti-allergic activity of *Mikania glomerata*." *J. Ethnopharmacol.* 1999; 66(1): 19-24.

Leite, M. G. R., et al. "Atividade broncodilatadora de *Mikania glomerata*, *Justicia pectoralis* e *Torresea cearensis*." *Simpósio de Plantas Medicinais do Brazil.* December 1992. Curitiba. Resumos. p. 21.

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