

Water Preparations of Whole Propolis

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GlenHeaven Propolis

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ABSTRACT: Propolis is a sticky, resinous substance made by bees and utilized by people as a medicine over the millennia. In its native state, propolis is not easily absorbed by the body nor combined with other substances to make medicines.

Historically, propolis has been made more useful by alcoholic or hydro-alcoholic extraction. The more complete range of propolis components has also been studied by extraction using solvents incompatible with therapeutic application.

The development of a water emulsion of propolis, without the loss of any propolis constituent through extraction, offers several unique qualities to the usefulness of propolis. The full range of propolis fractions and their proportions are exactly as produced by the bee rather than as defined by an extractive solvent. The emulsifying agent, water, is compatible with and combinable with the liquid components of the body. Water does not degrade nor transform into other substances in the body.

A totally water based presentation of whole propolis offers expanded clinical, research, and manufacturing flexibility and ease. It is particularly well suited to experimentation with internal treatment of surgical wounds, injection, inhalation through nebulization, and ophthalmic application. It is appropriate for high dosage oral administration where the concomitant high intake of other solvents is contraindicated. The characteristic of combining readily with water, oil, or fat based compounds allows the clinician or patient to easily mix customized preparations with individualized propolis dosing levels.

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