



**RANGE
PRODUCTS**

GRAPEFRUIT SEED EXTRACT

A Natural Preservative

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Grapefruit Seed Extract, is a broad spectrum antimicrobial compound made from the seeds and pulp of grapefruit, presented in a liquid glycerine base derived from vegetable oil. It has many uses and makes an excellent additive to cosmetics to help prevent the growth of fungi, moulds and bacteria. Grapefruit Seed Extract is easy to incorporate into the water phase of skincare and therapeutic preparations.

Tested in accordance with Regulations for the Enforcement of the Federal Hazardous Substances Act, Grapefruit Seed Extract is classified as non-toxic by oral ingestion and is not a primary skin irritant or a corrosive material.

The amount of Grapefruit Seed Extract to be used in a preparation will vary depending on the ingredients and should be determined for each formulation by the user. However, excellent results have been attained by using between 0.2% to 1.0% in the water phase to prevent the growth of microorganisms.

Grapefruit Seed Extract is compatible with most raw materials used in making creams and lotions.

Grapefruit Seed Extract can be used to help treat a range of conditions, including topical infections of the feet, skin, toe and fingernails and more (Sharamon and Baginski 1997)*.

Grapefruit Seed Extract is very safe and effective and is a real alternative to synthetic antimicrobial preservatives. Grapefruit Seed Extract is considered non toxic, non sensitising and non irritant.

* For more information on the applications of Grapefruit Seed Extract for treatments – refer to *The Healing Power of Grapefruit Seed* by Shalila Sharamon and Bodo J Baginski (1997): Lotus Light: Twin Lakes, WI.

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