

Actiphyte[®] of Grapefruit

CTFA/INCI NAME: Citrus Grandis (Grapefruit) Fruit Extract

LATIN NAME: *Citrus grandis*

CAS NUMBER: 90045-43-5 EINECS NUMBER: 289-904-6

PART USED: Fruit

OTHER COMMON NAMES: Citrus Decumana, Citrus Grandis, and Shaddock

HISTORIC USES:

The grapefruit was first noticed on Barbados in 1750; by 1880 it had become an important commercial crop of Florida. Grapefruit is a good source of flavonoids, water-soluble fibers, potassium, vitamin C, and folic acid. Grapefruit can be used externally, as a facial cleanser, scalp treatment, and anti-fungal wash for the skin and nails. Grapefruit is a natural antiseptic for wounds when used externally, and indicated in cases of obesity, sluggish liver, gallstones, catarrh, fevers, pneumonia, poor digestion, poor complexion, and valuable as a drug-poison eliminator.

SUGGESTED COSMETIC USES:

The non-irritating, antiseptic, and astringent qualities of this extract are useful in skin creams; lotions, toners, moisturizers, and other skin care products.

USAGE LEVEL: Recommended 5 - 10% in skin and hair care products

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| SPECIFICATIONS | Appearance: | Clear to pale yellow liquid |
| | pH: | 4.0 - 6.5 at 25° C |
| | Odor: | Characteristic |
| | Solubility: | Soluble in any proportion in water |
| | Specific Gravity: | 1.02 - 1.05 at 25° C |
| | Refractive Index: | 1.3860 - 1.3950 at 25° C |
| | Microbial Plate Count: | Less than 100 organisms per gram |

EXTERNAL USE ONLY - NOT FOR DRUG USE
2002