

Actiphyte[®] of Lemon Fruit

CTFA/INCI NAME: Citrus Medica Limonum (Lemon) Extract

LATIN NAME: *Citrus medica limonum*

CAS NUMBER: 84929-31-7 EINECS NUMBER: 284-515-8

PART USED: Fruit

OTHER COMMON NAMES: Citrus medica, Citrus Limonum, Citronnier, Neemoo, Leemoo, Limoun, Limone

HISTORIC USES:

The name *Limonum* is derived from the Arabic *Limun Limu*, which in its turn probably came from the Sanscrit *Nimbuka*. Lemon is probably the best of all antiscorbutics, being used effectively to prevent scurvy. English ships were, at one time, required by law to carry sufficient lemon or limejuice for every seaman to have an ounce daily after being at sea for ten days. It is valuable as a cooling drink in fevers, and for allaying thirst. Externally, it is a good astringent, styptic, and as a lotion for sunburn. The lemon is a strong rubefacient, as well as, bleaching to the skin. Lemon has been promoted as a powerful non-toxic bactericide and antiseptic. It can be used to promote the healing of brittle nails and also as an insect repellent to clothes moths and ants.

SUGGESTED COSMETIC USES:

Actiphyte[®] of Lemon may be used in skin toners, creams, and lotions and conditioning make-up to promote clear, toned, healthy skin. It may also be used in nail care applications. It can also be used in sunburn and skin and hair lightening products.

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

SPECIFICATIONS	Appearance:	Colorless to pale yellow liquid
	pH:	2.5 - 4.5 at 25° C
	Odor:	Characteristic
	Solubility:	Soluble in any proportion in water
	Specific Gravity:	1.02 - 1.05 at 25° C
	Refractive Index:	1.3775 - 1.3890 at 25° C
	Microbial Plate Count:	Less than 100 organisms per gram

EXTERNAL USE ONLY - NOT FOR DRUG USE
2002