

## Actiphyte<sup>®</sup> of Mexican Wild Yam Concentrate Special - 60

CTFA/INCI NAME: Dioscorea Villosa (Wild Yam) Root Extract

LATIN NAME: *Dioscorea villosa*

CAS NUMBER: 90147-49-2 EINECS NUMBER: 290-441-7

PART USED: Root

OTHER COMMON NAMES: Colic Root, Wild Yam, and Rheumatism Root

### HISTORIC USES:

American herbalists have been known to use wild yam root to treat painful menstruation, ovarian pain and cramps, and problems of childbirth. Japanese research in the mid 1930's discovered glycoside saponins from which the steroid saponin, primarily diosgenin, could be derived. Prior to this event it was believed that plants did not contain steroid saponin precursors. Formerly, the plant was used as the most widely prescribed and popular birth control pill, diosgenin, leading many to believe what ancient Mexican women knew all along--they used wild yam as a contraceptive.

### SUGGESTED COSMETIC USES:

Actiphyte<sup>®</sup> of Mexican Wild Yam can be used in lotions and washes as well as in cleansers, moisturizers, shadows, and products formulated for sensitive or inflamed skin. It can also be used in astringents, toners, creams, lotions, and gels.

USAGE LEVEL: Varies from 1 - 3% depending upon individual composition

SPECIFICATIONS	Appearance:	Colorless to medium yellow liquid
	Odor:	Characteristic
	Solubility:	Soluble in any proportion in oil
	Specific Gravity:	0.80 – 0.90 at 25° C
	Refractive Index:	1.4500 - 1.4610 at 25° C
	Diosgenin Content (HPLC):	2.60%
	Microbial Plate Count:	Less than 100 organisms per gram

EXTERNAL USE ONLY - NOT FOR DRUG USE  
2002