

Actiphyte[®] of Spirulina

CTFA/INCI NAME: Spirulina Maxima Extract

LATIN NAME: *Spirulina maxima*

CAS NUMBER: N/A EINECS NUMBER: N/A

PART USED: Plant

OTHER COMMON NAMES: Spirulina, Blue-Green Algae, Oscillatoria genus

HISTORIC USES:

Oscillatoria (Oscillatoriaceae), a genus of blue-green algae is commonly found in freshwater environments. A species of freshwater blue-green algae, also known as spirulina, has recently become well known as a food supplement and energy booster. It has even used to treat high blood pressure, nervous tension, ulcers, and psoriasis, and to relieve headaches, allergies, and the pain of arthritis. Spirulina contains pantothenic acid, a B-complex vitamin, which is known to insure proper function of the adrenal glands, digestive tract, immune system, nerves, and skin. This vitamin is also considered to be an anti-stress nutrient, as well as, an excellent skin hydrator, and is attributed with the prevention of gray hair.

SUGGESTED COSMETIC USES:

Actiphyte[®] of Spirulina can be used in creams, lotions, toners, masks, gels, soaps and skin treatment products. It can also be used in hair care products.

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

SPECIFICATIONS	Appearance:	Medium green to light 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