

Actiphyte[®] of Barley Malt

CTFA/INCI NAME: Hordeum Distichon (Barley) Extract

LATIN NAME: *Hordeum distichon*

CAS NUMBER: 85251-64-5, 94349-67-4 EINECS NUMBER: 286-476-2, 305-187-5

PART USED: Grain

OTHER COMMON NAMES: Barley, Hordeum

HISTORIC USES:

The use of barley for food and medicinal purposes dates to antiquity. The Roman physician Pliny noted that if a person affected with a boil took nine grains of barley, traced a circle around the boil three times with each grain, and then threw the barley into a fire with his left hand, the boil would be immediately cured. The mucilage derived from the cereal was used to treat gastrointestinal inflammation. Barley has served as a food staple in most cultures.

SUGGESTED COSMETIC USES:

Actiphyte[®] of Barley may be used for its soothing, cooling, and refreshing properties. It can be formulated into face packs, moisturizers, lotions, and creams.

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

SPECIFICATIONS	Appearance:	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