



Litein W Hydrolyzed Wheat Protein

Litein W is an enzymatically produced hydrolyzed wheat protein that is translucent in color with a very mild, pleasant odor, making it ideal for hair or skin care applications where clarity or native odor profiles are of paramount concern.

Vege Tech Litein W features a rich complex of polypeptides, a high ratio of protein to total solids, as well as high cysteine content. With an average molecular weight of approximately 2000 Daltons down to those of amino acids, Litein W optimizes penetration into the hair cortex, conditioning and repairing the hair from inside out, and lays the cuticle down by linking platelets of protein molecules. This clear, protective and non-flaking film fills damaged gaps and increases tensile strength, while adding high reflectivity and refractivity to dull, abused and weakened hair. Its conditioning effects leave hair softer, healthy-looking full of bounce and shine.

In topical skin care formulations, Vege Tech Litein W Protein provides a colloid effect through its polymeric coating action, yielding highly moisturizing properties. It is compatible with anionic, amphoteric and cationic surfactants, does not affect the rheological properties of any emulsion. It is compatible with a wide pH range and is readily soluble in water, water/alcohol, glycerin and glycols.

FEATURES & BENEFITS

- » excellent hair repair ingredient
- » film former
- » conditioning, adds shine and luster
- » low odor, transparent color
- » rich amino acid profile
- » anti-aging, skin moisturizing
- » Dalton range (300-2,000)

INCI:

Hydrolyzed Wheat Protein

CAS #:

22240-28-4

70084-87-6

73049-73-7

EINECS/ELINCS: N/A

SUGGESTED USE LEVELS:

0.5% - 5%

pH: 4 - 6

PACKAGING:

Litein W Hydrolyzed Wheat Protein is available in the following standard sizes:

- » sample size (2 fl oz)
- » 40 lbs (5 gal pail)
- » 240 lbs (30 gal drum)
- » 400 lbs (55 gal drum)

SHELF LIFE:

12 months after date of manufacture.

Protect from freezing and excessive heat.

*** **NOT FOR HUMAN CONSUMPTION** ***