

Barley Quat

Specification Sheet

Description: Very mild cationic quaternary ammonium compound made of hydrolyzed proteins naturally sourced from food grade golden barley. Contains 22-26% of proteins. Gluten-free. Clear to slightly hazy amber liquid, characteristic odor. pH 4.5-5.5. Dissolved in water. Water-soluble. Preserved with benzylalcohol, potassium sorbate, and sodium benzoate.

CAS: N/A, 100-51-6, 24634-61-5, 532-32-1

INCI Name: Laurdimonium hydroxypropyl hydrolyzed barley protein, benzylalcohol, potassium sorbate, sodium benzoate

Benefits:

- Increases hair strength and defends against heat damage
- High proline content, known for strong antioxidant properties
- Has effective hair conditioning properties
- Provides complete thermal protection for healthier looking hair

Use: Add to water-phase of formulas. Typical use level: 1-3%. For external use only.

Applications: Hair conditioners, hair shampoos, hair rinses, leave-in hair products, hair primers, finishing sprays, styling products

Country of Origin: USA

Raw material source: Barley proteins, coconut oil

Manufacture: Barley quat is produced by hydrolyzation of barley proteins combined with a fatty moiety from coconut oil. It is then further "quaternized" by alkylation of tertiary amines to obtain a quaternary ammonium compound.

Animal Testing: Not animal tested

GMO: GMO free

Vegan: Does not contain animal-derived components