



TEXTRON

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EVOIL® KERATOLISSE

PRODUCT DATA SHEET



EVOIL® KERATOLISSE is a vegetable formulation conceived by TEXTRON, addressed to create smart hair care cosmetic products.

EVOIL® KERATOLISSE aids in moisture retention and replenishing of structural lipids of hair, allowing hair to be supple, untangled, glossy, bright and getting enhanced volume and healthy appearance.

Hair is composed mainly of keratin protein as basic building block and, to a lesser extent, lipids. The chemistry of hair can be modified by aging and by environmental factors, such as pollution and sunlight. Permanent waving, straightening or relaxing, bleaching during hair colouring processes and brushing can also cause damage to hair. **EVOIL® KERATOLISSE** aids in protecting the cortex from harm originated by several factors, including heat, chemicals and daily maintenance.

Protein hydrolysates in **EVOIL® KERATOLISSE** are efficient restorers in hair care processes. These active peptides are reparative and conditioning agents and provide benefits for hair, such as strengthening hair fibers and reducing fiber breakages. Oligopeptides with a molecular mass lower than 1000 Dalton are able to penetrate the cortex. **EVOIL® KERATOLISSE** will raise free amino acids level naturally present in the sebum and hair, which play a key role in keeping humectation degree of hair.

Various sources of proteins have been used to produce hydrolysates used in the personal care industry, but those composing **EVOIL® KERATOLISSE** are 100% from plant origin. Hence, they are compatible with an ethical treatment of animals and a full safe approach in terms of pathogen transmission, getting all the benefits from amino acids, but from a plant source.



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TECHNICAL DATA

Appearance: Yellow oily liquid

Parameter	Value
Relative density	0.914 g/ml
Acidity	max. 6
Peroxide value	max. 5.0 meq/kg
Oleic acid	45-60%
Linoleic acid	25-35%



APPLICATION

EVOIL® KERATOLISSE shows humectant properties for hair, helping in retaining moisture and leaving hair soft, shiny and easy to comb. It is ideally suited to formulate hair care

cosmetics, as shampoos, conditioners, styling products or any other formulation addressed to make hair smooth and silky or rebuild and condition dehydrated and lusterless hair.

Hydrolysed vegetable proteins included in composition of **EVOIL® KERATOLISSE** have a substantial protecting effect on the hair structure, providing a natural conditioning effect, specially in leave-on products. The addition of protein hydrolysates to hair coloring sprays and toners enables hair to absorb the dyes more uniformly. **EVOIL® KERATOLISSE** can be used directly or may be incorporated in formulations at a recommended dosage from 3 to 10%.

INCI Name: Olus oil, hydrolyzed keratin and tocopherol

CAS No.: [68956-68-3, 69430-36-0, 54-28-4]

EINECS/ELINCS No.: 273-313-5, 274-001-1, -