

TECHNICAL DATA SHEET

LIQUID FRUITS

FRULIX TF MAÇÃ (APPLE)_PE

INCI Name: Malus Domestica Fruit Extract

Frulix TF Maçã (Apple)_PE is obtained from ripe fruits of maçã (apple) (*Malus domestica*), containing vitamins B₁ and B₂, niacin, tannins and mineral salts, such as phosphorus and iron, hydroxyl acids, such as malic acid and galacturonic acid.

Physico-chemical Specifications

Form	Liquid
Colour	Light yellow to reddish-brown
Odor	Characteristic
Solubility	Soluble in Water
pH	2.50 to 4.50
Total Solids	6.00% (minimum)
Total Ashes	0.10% (minimum)

Microbiological Specifications

Aerobic Plate Count	Maximum 100 UFC/g
Molds and Yeasts	Maximum 100 UFC/g

Pathogenic Micro-organisms

<i>Staphylococcus aureus</i>	Absent
<i>Enterobacteriaceae</i>	Absent
<i>Pseudomonas aeruginosa</i>	Absent

Composition

Contains – maçã (apple) (*Malus domestica*) pulp extract and preservatives phenoxyethanol 0.90% and ethylhexylglycerin 0.10 %.

Uses

The vitamins, proteins and bioflavonoids present in Frulix TF Maçã (Apple)_PE contribute to improving the elasticity of the skin, in addition to possessing antioxidant and dermoprotective properties. Frulix TF Maçã (Apple)_PE is also recommended for formulations for hair-care products such as shampoos and conditioners due to its protective and nutritive properties.

Instructions

Frulix TF Maçã (Apple)_PE is easily dissolved in water, even at room temperature, and can thus be added to the aqueous phase of emulsions, and is stable at temperatures up to 90°C, in pH conditions from 4.00 to 11.00.

Storage

Kept in closed containers, protected from sunlight and heat.

Validit

The product can be stored for two years.

Packaging

05kg (11 lb) and 20 kg (44 lb) HDPE jerrycans.

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