

## TECHNICAL DATA SHEET

### LIQUID FRUITS

## FRULIX TF CARAMBOLA (STAR FRUIT)\_PE

**INCI Name:** Averrhoa Carambola L. Fruit Extract

Frulix TF Carambola (Star Fruit)\_PE is obtained through the processing of ripe carambola (star fruit) fruits (*Averrhoa carambola*), containing moisturizing mucilages, vitamins, essential sugars, antioxidant bioflavonoids and mineral salts.

#### Physico-chemical Specifications

Form	Liquid
Colour	Yellow to yellowish-brown
Odor	Characteristic
Solubility	Soluble in water
pH	2.50 to 4.50
Total Solids	2.00% (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 - Carambola (Star fruit) (*Averrhoa carambola*) pulp extract and preservatives phenoxyethanol 0.90% and ethylhexylglycerin 0.10%.

#### Uses

Frulix TF Carambola\_PE possesses nutritional, antioxidant and protective properties, and is recommended in products for chemically treated and damaged hair, and for conditioning and protection in leave-in products. The antioxidant and moisturizing properties of the fruit mean that Frulix TF Carambola\_PE is recommended for the treatment of skin.

#### Instructions

Frulix TF Carambola\_PE is easily dissolved in water, even at room temperature, and can thus be added to the aqueous phase of emulsions or directly into shampoos, conditioners, gels and mousses. Frulix TF Carambola\_PE 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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