

FRAMBOESA
RASPBERRY

FRULIX

LIQUID FRUITS • EXCLUSIVE TECHNOLOGY



**FRULIX
FRAMBOESA
(RASPBERRY)
IS A HIGHLY
CONCENTRATED
INGREDIENT
PRODUCED
WITHOUT
ADDITION OF
SOLVENTS.**

ASSESSA

INNOVATION FOR A GREENER WORLD



RASPBERRY

The raspberry belongs to the Rosaceae family. This small fruit, also called red raspberry or European raspberry is a red-fruited species of Rubus native to Europe and northern Asia and commonly cultivated in other temperate regions.

The species name *Idaeus* refers to its occurrence on Mount Ida, near Troy in northwest Turkey, where the ancient Greeks were most familiar with it.

With their rich color, sweet juicy taste, and antioxidant power, it is no wonder raspberries remain one of the world's most consumed berries.

Raspberries contain vitamin C, K and E, folate, iron, potassium, manganese as well as lesser amounts of thiamin, riboflavin, niacin, pantothenic acid, vitamin B-6, calcium, magnesium, phosphorus, zinc and copper. Raspberries contain the antioxidants alpha and beta-carotene, lutein, zeaxanthin, and choline.



TECHNOLOGY

FRULIX FRAMBOESA (Raspberry) is obtained through an exclusive biotechnological process that mimics the natural ripening of fruit. Using the fruits' native enzymes that act on the changes that occur in the texture of the fruit during its ripening, ASSESSA transforms its pulp into a crystalline liquid with all the active ingredients of the fruit, in concentrations equivalent to those found in nature.



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FUNCTIONS

Raspberries are rich in moisturizing mucilages, vitamins, essential sugars, antioxidant bioflavonoids and mineral salts.

FRULIX FRAMBOESA (Raspberry) possesses astringent, nutrient and protecting properties and is recommended for hair-care products in formulas for the treatment, cleansing and protection of hair.

FRULIX FRAMBOESA (Raspberry) is particularly recommended in products for chemically-treated and damaged hair, for conditioning and protection and in leave-in and wash-off products. The moisturizing, emollient and protecting properties of raspberry, mean it is recommended in formulas for the treatment of skin and in products with nutritive and moisturizing appeal.



USAGE LEVELS

FRULIX FRAMBOESA (Raspberry) is compatible with the most ingredients used in cosmetic formulations for the treatment of skin and hair and may be incorporated directly into the aqueous phase of the formulas, in accordance with the suggestions for concentration in the table below. It is stable at temperatures of up to 90 °C, in pH conditions which range from 4.00 to 11.00.

AS A VERY CONCENTRATED PRODUCT, FRULIX FRAMBOESA (RASPBERRY) SHOULD BE USED IN SMALLER CONCENTRATIONS THAN THOSE NORMALLY USED WHEN MAKING FORMULAS WITH CONVENTIONAL EXTRACT.



INCI NAME
Rubus Idaeus Fruit
Extract, Sodium
Benzoate and
Potassium Sorbate

PRODUCT	(%)
Moisturizing cream	0.3 to 0.8
Nutritive lotion	0.2 to 0.6
Serum	0.5 to 1.0
Face mask	0.3 to 1.0
Shampoo	0.2 to 0.4
Conditioner	0.2 to 0.4
Shower gel	0.2 to 0.4

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