

The term **Cynara** seems to derive from the greek word "cinere", which means cinder, because artichoke was fertilized by cinder, or according to mythology, the word cynara comes from the hair color of a young woman which Jupiter fell in love with. The legend says that Jupiter turned her into an artichoke. The plant has been used since the dawning of civilization. In fact, artichoke owns many healthy properties due to the content of flavonoids, phenolic acids and minerals. Cardo oil is obtained by the cold pressing of the seeds.

### COSMETIC PROPERTIES

- **High level of phytosterols with a unique composition** comprising spinasterol,  $\Delta^7$ -stigmastenol and  $\Delta^7$ -avenasterol. Phytosterols are **effective anti-inflammatory compounds** able to **down-regulate MMP-1** and **increase** the synthesis of **collagen fibers**. These features make Cardo oil **ideal for antiaging formulations and sunscreen products** thanks to the protective effect of the phytosterols against UVA radiations.

- Cardo oil has a **good amount of vitamin E as  $\alpha$ -tocopherol** for almost 100% and this isoform is well known to show the highest vitamin E activity, thus making the oil an excellent antioxidant.

- **Good source of polyunsaturated fatty acids**. Among them, the most abundant is linoleic acid which, in synergism with phytosterols, has a key role in the skin barrier function.

### APPEARANCE AND SENSORIALITY

- Gold yellow color and mild odor
- Medium spreading
- Not greasy

**USAGE CONCENTRATION:** up to 100%

### APPLICATIONS



### INCI NAME

Cynara cardunculus (artichoke) seed oil



### Dermatologically tested



### SICILY ON LIPS

PHASE	INCI/PCPC	%
A	<b>Cynara Cardunculus (artichoke) seed oil</b>	13
	<b>Opuntia ficus-indica seed oil</b>	2
	Isopropyl palmitate	23.5
	Oleyl erucate	9.5
	Butyrospermum parkii (shea)butter	20
	Beeswax	30
	Tocopherol	1
B	Citrus reticulata peel oil	0.3
	Citrus aurantium dulcis (orange) peel oil	0.5
	Citrus limon (lemon) peel oil	0.2



**FORMULATION CORNER**