



CITY PROTECTION is a rich pot cream designed to improve skin protection in a metropolitan environment. It contains a blend of natural active ingredients all aiming to enhance skin defensive mechanisms, hydration and hydro-lipidic barrier integrity, as well as a selection of natural oils and butters.

From Indena, it contains:

XILOGEL®: highly characterized polysaccharide obtained from the seeds of *Tamarindus indica*, has strong hydrating properties. Film forming, endowes the formulation with peculiar smooth and silky touch.

ESCULOSIDE: pure molecule obtained from horse chestnut, Esculoside is a strong protectant of capillaries and reduces the blood vessels fragility.

CENTEVITA™: purified extract from *Centella asiatica*, it contains both the terpenic fraction promoting collagen synthesis and the polyphenolic fraction, scavenging free radicals. It represents a multifunctional ingredient mimicking the natural content of active compounds in the centella leaf and counteracts skin ageing and inflammaging, promoting collagen regeneration.

ZANTHALENE®: lenitive and soothing, Zanthalene® contains specific molecules providing an immediate reduction of itch and skin discomfort of various origin.



Distributed by:

Global Ingredient Solutions

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PHASE	INGREDIENTS	% WEIGHT
A	AQUA (WATER)	53.040
	SODIUM BENZOATE	0.300
	XILOGEL	0.600
	XANTHAN GUM	0.500
A'	AQUA (WATER)	3.000
	GLYCERIN	3.000
	SORBITOL	3.000
	ESCULOSIDE	1.000
	CENDEVITA	0.500
B	SUCROSE STEARATE	2.500
	SUCROSE DISTEARATE	2.000
	BEHENYL ALCOHOL	2.000
	OLEIC/LINOLEIC/LINOLENIC POLYGLYCERIDES	2.000
	CETEARYL ALCOHOL	3.000
	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	4.000
	PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) OIL	2.000
	ISOAMYL LAURATE	3.000
	BUTYROSPERMUM PARKII (SHEA BUTTER)	2.000
	PERSEA GRATISSIMA (AVOCADO) OIL	2.000
	MACADAMIA TERNIFOLIA SEED OIL	2.000
	PHENOXYETHANOL	0.400
	DIMETHICONE	1.000
	LECITHIN/TOCOPHEROL/ASCORBYL PALMITATE/CITRIC ACID	0.100
ZANTHALENE	0.500	
C	AQUA (WATER)	6.000
	POTASSIUM SORBATE	0.300
D	LACTIC ACID	0.110
E	PARFUM (FRAGRANCE)	0.150



MANUFACTURING PROCEDURE

Predisperse Xilogel® at 40°C in water under stirring for 30 minutes. Add the remaining components of phase A) and disperse Xanthan gum for 20 minutes.

Heat up to 75 °C under stirring.

Weigh phase A'), heat up to 75°C and add to phase A) under stirring.

Weigh all ingredients of phase B), heat it to 75°C and slowly add to phase AA') with homomixer under vacuum and stirring.

Weigh all ingredients of phase C), added to the emulsion during the cooling phase at 45°C.

Add Lactic acid under mixing.

Add perfume and keep cooling down.

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Formulation developed in cooperation with ELLEGI BIOCOSMETICA, Tradate, Italy