

Commercial Name	EPHYSHINE PI
INCI name	Dimethyl Isosorbide & Propanediol & Aqua & Caesalpinia sappan extract

Specifications

- **Function** : ephyshine PI is a unique active ingredient possessing more than one function, a triple action
 - ephyshine PI is an anti-hyperpigmentation active ingredient and an overall shining.
 - Inhibition of Tyrosinase : 100%
 - ephyshine PI inhibits the activity of Lipoxigenase the key enzyme of the stress signal, thus avoiding propagation of one of the main hyperpigmentation mechanism
 - De-stressing and soothing power 69%
 - ephyshine PI boosts cellular protection against UV
 - Cells protection against UV stress +92% viability
- **Country of Manufacturing**: France
- **Available forms**: liquid
- **Incorporation rate**: 1%
- **Origin**: natural
- **Color**: beige to brownish
- **Odor**: characteristic
- **pH**: 4,5- 6 (in water solution at 10% at 20°C)
- **Solubility**: hydrosoluble / lipodispersible
- **No territorial restrictions known**
- **China Compliant**
- **COSMOS ready**

Tolerance

- Test: skin irritation (Patch test) – 1%
Result: non-irritant
- Test: eye irritation testing (HET-CAM Test) – 1 %
Result: insignificant cytotoxicity
- Non-phototoxic
- Non-mutagenic

Storage conditions and Shelf Life

- Keep container tightly closed in dry and well-ventilated place
- Shelf Life: 18 months

Formulation

Lightening lotion

Commercial Name	%	INCI
Frametime CXG	4,50	Bentonite & Xanthan gum & Sodium stearoyl glutamate & Citric acid
Xanthan Gum FF	0,10	Xanthan gum
Amisoft Hs11P	0,40	Sodium stearoyl glutamate
Amihope LL	0,20	Lauroyl lysine
Ephyshine PI (Ephyla)	1,00	Dimethyl isosorbide & Propanediol & Aqua & Caesalpinia sappan extract
Cetiol Cc	2,00	Dicaprylyl carbonate
Desert Date Oil	8,00	Balanites roxburghii seed oil
Finsolv TN	5,00	C 12-15 Alkyl Benzoate
Bioxan ST T50	0,05	Tocopherol (mixed) & Helianthus annuus seed oil
Perfume	0,80	Parfum
Glycerin	4,00	Glycerin
Preservative	0,80	
Water	73,15	Aqua