



NATURA-TEC ECOMULS 2 in 1

PROPERTIES

ECOMULS 2 IN 1 is 100 % from vegetable origin, GMO free, based on a unique association of natural glycerides and olive unsaponifiables. These active ingredients confer to **ECOMULS 2 IN 1** a high emulsifying effect and an exceptional moisturizing capacity.

Very ecological, this non-ionic emulsifier can form stable W/O emulsions by a cold process even at low concentration, without co-emulsifier and thickening agent.

Main parameters controlling stable emulsifying performance are:

- ❖ Composition of the oil phase
- ❖ % of the oil phase
- ❖ Addition and % of the salt used: NaCl (2%), MgSO₄ (0,8%)
- ❖ % of the emulsifier (from 3 to 5%)
- ❖ Process : high speed stirring for both hot and cold methods + homogenization at the end

ECOMULS 2 IN 1 is compatible with all skin types and forms a protective film on the skin providing and maintaining a high level of hydration.

ECOMULS 2 IN 1 is rapidly absorbed and provides sensation of comfort and wellness

ECOMULS 2 IN 1 forms stable emulsions with different emollient systems. Different viscosities are obtained by varying the concentration of the oil phase. The greater the oil phase concentration, the lower the viscosity of the end formulation.

ECOMULS 2 IN 1 forms stable emulsions from 3% level of use, without co-emulsifying system or thickening agents.

Depending on the ingredients of the oil phase (liquid or semi-solid), emulsions can be prepared by either cold process or warm process.

With a single application, **ECOMULS 2 IN 1** offers an immediate and a long lasting moisturising effect up to 20% after 8 hours.

COSMETIC APPLICATIONS

Intensive Moisturising creams
Sensitive creams, night creams, body milks and lotions
Sun care and after sun products, waterproof creams
Baby care products

TECHNICAL DATA

Appearance:	Ivory to pale yellow opaque gel
HLB	3± 1
INCI	Glyceryl Oleate (and) Polyglyceryl-3-polyricinoleate (and) Olea Europaea Oil Unsaponifiables