

iEMUL WO

INCI Name (US): Cyclopentasiloxiane & PEG-10 Dimethicone & Disteardimonium Hectorite & Silica Dimethyl Silylate.

INCI Name (EU): Cyclopentasiloxiane & PEG-10 Dimethicone & Disteardimonium Hectorite & Silica Dimethyl Silylate

CAS #: 541-02-6 & 689-54-2 & 12001-31-9 & 68611-44-9

General Information/ Characteristics: It is a emulsifier/stabilizer blends for W/O emulsions; perfect for preparation of emulsions containing large amounts of silicone/polar oils; provides stable W/O emulsions with smooth texture and remarkable spreadability .It can make ultra light elegant W/O cream.

- Benefits / Application:**
- Benefits:
- Easy to use, can be prepare at room temperature.
 - Provides high or low temperature stability of W/O emulsions.
 - Unique emulsifying complex creates W/O emulsions with incredibly light texture.
 - Smoothness.
 - Spreading.

- Application:
- Perfumes & fragrances
 - Sun care (Sun protection, After-sun & Self-tanning)
 - Skin care (Facial care, Facial cleansing, Body care, Baby care)
 - Decorative cosmetics/Make-up

- Formulations Advices:**
1. Add this emulsifier in oil phase, mix well oil phase separately to obtain homogeneous phases.
 2. Heat both oil and water phases to 70 degrees Celsius(or at room temperature), and add water phase into oil phase slowly while stirring with dispersing mixer at 1400-3000 rpm.
 3. Increase the rotation to 5,000 rpm and carry on the emulsification process for 10 more minutes (after finishing the aqueous phase addition).
 4. Cool down to 28 degrees Celsius with mild stirring (100 rpm under paddle agitation).

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**Physic-Chemical
Properties:**

Appearance :

Fawn paste

Odor:

Character odor

**These values indicate typical specification; they are not intended to be used as product specifications*

Additives:

Preservatives:

No applicable

**Shelf Life / Storage
Conditions**

24 months from manufacturing date.

Keep in cool, dry, ventilated and lightless place.

Packaging:

20kg/ drum.

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