

Resense WO

INCI Name:

Cyclopentasiloxane & PEG-10 Dimethicone & Distearidimonium Hectorite & Silica Dimethyl Silylate

CAS Number:

541-02-6 & 68937-54-2 & 94891-31-3 & 68611-44-9

General Information:

Resense WO is an emulsifier and stabilizer blended for W/O emulsions, perfect for preparation of emulsions containing large amounts of silicone / polar oils, providing stable W/O emulsions with smooth texture and remarkable spreadability, making the cream ultra light elegant.

Specification:

Item	Specification
Appearance (25°C)	Fawn smooth paste
Odor	Characteristic odor

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

Benefits:

Formulator Benefits

- Easy to use, can prepare at room temperature.
- Providing high or low temperature stability of W / O emulsions.
- Unique emulsifying complex creates W / O emulsions with incredibly light texture.

End Consumer Benefits

- 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

Formula Guidelines:

- Add this emulsifier in oil phase, mixing well in oil phase to obtain homogeneous phases.
- At room temperature, add water phase into oil phase drop by drop while stirring with paddle agitation at 100 rpm. If necessary, heat both oil phase and water phase to 70°C.
- After finishing the water phase addition, increase the homogeneous rotation to 1400 rpm or 3000 rpm and carry on the emulsification process for 5-10 minutes to get the suitable viscosity.
- Cool down to room temperature with mild stirring (100 rpm under paddle agitation) for 10 minutes.

Dosage:

3-5%

Storage & Handling:

Standard Packing: 20 kg/ drum

Storage: Store the container tightly closed in a dry, cool and well-ventilated place.

Shelf life: 24 months