



## TECHNICAL DATA SHEET

0385-TDS-ENG-2024

CERA LANETTE SX		
DESCRIPTION DCI: ---		DESCRIPTION DOE: ---
CAS Nº: ---	EC Nº: ---	AEMPS CODE: ---
MOL. WEIGHT: ---	MOL. FORMULA: ---	ARTICLE CODE: 0385

ATTRIBUTES	SHOULD BE
Appearance	Waxy, white or almost white or pale yellow lentils, which become plastic with heating
Solubility	Practically insoluble in water (forming emulsions), partially soluble ethanol (96 %)
Identification	Complies
Acidity index	= < 2.0 mg KOH/g
Hydroxyl value	185 - 205 mg KOH/g
Iodine index	= < 3.0 g I2/100g
pH (1%)	6.50 - 8.00
Water	= < 1.4 %
Sodium alquilsulfates	8.7 - 10.0 %

### COMPLIES WITH

Manufacturer specifications

### STORAGE

Keep in tightly closed containers and protected from light. Store it in a dry and cool place.

### REMARKS

**Product suitable for cosmetic use.**

### INCI

Cetearyl alcohol, sodium lauryl sulfate, sodium cetearyl sulfate.

### Composition

Mixture in the form of colloidal dispersion of 90 parts of Cetearyl alcohol and 10 parts of a mixture of sodium sulfates of fatty alcohols.

### Properties and uses

The CERA LANETTE SX is a self-emulsifying O / W base with an anionic character. Able to produce emulsions by itself without the need to incorporate any fatty substance or emulsifying agent. It is absorbed through the skin without giving a greasy sensation

Emulsions with CERA LANETTE SX admit pHs between 5 and 9.

### Incompatibilities

Cationic surfactants and other cationic compounds, strong electrolytes (salts of polyvalent metals such as aluminum, lead, tin and zinc), thioglycolates, and with acids at a pH below 2.5.

### Other observations

Do not use iron containers to heat the product. The stainless steel containers are adequate.

### Compounding examples

*Base cream LANETTE SX*

CERA LANETTE SX - **24 %**

Decyl oleate (Cetiol V) - **16 %**



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Purified water c.s.p. - **100 g**  
Preservative c.s.

Modus operandi: Melt at a water bath at 65-75°C maximum Lanette wax and decyl oleate (oil phase) and separately heat the purified water at the same temperature. Remove both phases of the water bath and add the aqueous phase to the oil, stirring slowly until cooling. When it is at a temperature below 30 ° C, add the preservative, and keep stirring until solidification at room temperature.

Properties: It is a white cream O / W of anionic character, very moisturizing, consistent and stable. The decile oleate together with the Lanette wax give an emollient and penetrating character to the cream.

To increase the humidification, you can add propylene glycol, leaving the alternative formula:

CERA LANETTE SX - **20 %**  
Decyl oleate (Cetiol V) - **20 %**  
Propylene glycol - **5%**  
Purified water c.s.p. - **100 g**  
Preservative c.s.

*Cream 12/12*

CERA LANETTE SX - **12 %**  
Sweet almond oil - **12 %**  
Purified water c.s.p. - **100 g**

Instead of 12% we can put 6% to make a lotion, or 20% if we want a cream but thicker.