

Commercial Name	Frametime LTX
INCI name	Sodium magnesium silicate & Xanthan gum & Citric acid

## Specifications

- **Function:** cold emulsifier surfactant-free for O/W type emulsion. Pickering emulsion is obtained using an organic-modified clay-like : Frametime®. The hybrid material forms a layer preventing the coalescence of oil droplets.
- **Country of Manufacturing:** France
- **Uses:** suitable for face creams, hand cream, hair cream, make-up and opaque shampoo – shower gels
- **standard availability**
- **Available forms:** superfine powder
- **Incorporation rate:** 1-2%
- **Origin:** natural
- **Color:** white
- **Odor:** characteristic
- **pH:** 8-10 (in water solution at 10% at 20°C)
- **Solubility:** hydrodispersible / lipodispersible
- **No territorial restrictions known**

## Tolerance

- Test: skin irritation (Patch test) – 5%  
Result: non-irritant
- Test: eye irritation testing (HET-CAM Test) - 5%  
Result: no / slight irritant

## Storage conditions and Shelf Life

- Keep container tightly closed in dry and well-ventilated place
- Shelf Life: 24 months

## Formulation

### How to use:

#### Step 1:

Add the powder phase to the oil phase and mix until completely dispersed (phase A)

#### Step 2:

Add the water phase to the phase A using a high-shear mixer until completely homogenised (the more the cream is homogeneous, the more the emulsion will be whiter)

### Frametime LTX: MOISTURIZING CREAM

PHASES	INGREDIENTS	%
Water phase	Water	QSP
Powder phase	Frametime LTX	1.9
Powder phase	Xanthan gum	0.1
Oil phase	Sunflower oil	11
Oil phase	Desert date oil	7
Oil phase	Caprylic/Capric triglyceride	7
Water phase	Preservatives	QS
Powder phase	Citric acid	QS
Oil phase	Perfume	0.3

