

# Creagel® Crystal SUN

## Chemical Composition:

Component	Legislation
Isododecane	CAS No. 13475-82-6 ; 31807-55-3 EINECS No. 236-757-0 ; 250-816-8 JCIC (509042)
Helianthus Annuus (Sunflower) Seed Oil	CAS No. 8001-21-6 EINECS No. 232-273-9 JCIC (520923)
Ethylene/Propylene Copolymer	CAS No. 9010-79-1 JCIC (532028)

**INCI Name:** Isododecane (and) Helianthus Annuus (Sunflower) Seed Oil (and) Ethylene/Propylene Copolymer

**Japanese Name:** Light Isoparaffin (and) Sunflower Seed Oil (and) Ethylene/Propylene Copolymer

## Technical Information:

Appearance	Pale yellow transparent gel
Odour	Characteristic
Density (20°C)	0,8 ± 0,1 g/cm <sup>3</sup>
Refractive Index (20°C)	1,445 ± 0,005
Viscosity (20°C) (Lamy Tve-05 – Spindle: MS-BV 1000 – Speed: 200 rpm)	7 - 20 Pa.s
Solubility	Oil soluble
Shelf Life	Minimum 3 years

**Description:** Creagel® Crystals are thickened lipids, which have been produced from oils by a polymerisation process. Creagel® Crystals are either fully synthetic or a combination of synthetic and natural lipids. The benefits of thickened oils are a 3D appearance and functional rheological properties. They form a water resistant and shiny film. Main applications are lip glosses, mascaras and sun care products. Creagel® Crystal SUN is based on Sunflower Oil and it offers the cosmetic benefits of Sunflower Oil but with a more viscous texture.  
Typical use level: 5-50%

Before using this material see the MSDS.  
This technical information is offered as a guide not a guarantee.

