

Creasperse® TR 14 AF 50

Chemical Composition:

Component	Legislation
Titanium Dioxide	CAS No. 13463-67-7 EINECS No. 236-675-5 C.I. 77981, JCIC, TSCA
Hydrogenated Polydecene	CAS No. 68037-01-4 EG No. 500-183-1 JCIC, TSCA
Hydroxystearic Acid	CAS No. 106-14-9 EINECS No. 203-366-1 JCIC, TSCA

INCI Name: Titanium Dioxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid

Japanese Name: Titanium Dioxide (and) α -Olefine Oligomer (and) 12-Hydroxystearic Acid

Technical Information:

Appearance	White liquid
Odour	Characteristic
Mean Crystal Size of TiO ₂	Approx. 14 nm
Density (20°C)	1,10 – 1,50 g/cm ³
Viscosity (20°C) (Lamy Tve-05 – Spindle: MS-BV 100 – Speed: 200 rpm)	150 - 500 mPa.s
Solubility	Dispersible in oil
Shelf Life	Minimum 3 years

Description: Creasperse® UV dispersions is a range of finely dispersed physical UV filters in different photostable vehicles. Creasperse® TR14 AF50 is a 50% dispersion of nanofine rutile type TiO₂ in Hydrogenated Polydecene. The TiO₂ used is designed to provide minimum whitening effect even in high concentrations. Pure rutile crystals are optimally surface treated for superior photostability and high UVB protection.
Typical use level: 5-15%

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

