

# Creasperse® Zn 40 AF 50

## Chemical Composition:

| Component               | Legislation   |
|-------------------------|---|
| Zinc Oxide              | CAS No. 1314-13-2<br>EINECS No. 215-222-5<br>TSCA, JSCI |
| Hydrogenated Polydecene | CAS No. 68037-01-4<br>EC No. 500-183-1<br>JCIC, TSCA    |
| Hydroxystearic Acid     | CAS No. 106-14-9<br>EINECS No. 203-366-1<br>JCIC, TSCA  |

**INCI Name:** Zinc Oxide (and) Hydrogenated Polydecene (and) Hydroxystearic Acid

**Japanese Name:** Zinc Oxide (and)  $\alpha$ -Olefine Oligomer (and) 12-Hydroxystearic Acid

## Technical Information:

|  |                               |
|--|-------------------------------|
| Appearance   | White liquid                  |
| Odour  | Characteristic                |
| Mean Crystal Size of ZnO   | Approx. 40 nm                 |
| Density (20°C)   | 1,20 – 1,70 g/cm <sup>3</sup> |
| Viscosity (20°C) (Lamy Tve-05 – Spindle: MS-BV 100 – Speed: 200 rpm) | 60 - 110 mPa.s                |
| Solubility   | Dispersible in oil            |
| Shelf Life   | Minimum 3 years               |

**Description:** Creasperse UV dispersions are a range of finely dispersed physical UV filters in different photostable vehicles.  
Creasperse Zn 40 AF 50 is 25% dispersion on nanofine Zinc Oxide in Hydrogenated Polydecene.  
Typical use level: 5-15%

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

