

## EXOsoft AB25

<b>CHEMICAL NAME</b>	Benzoic acid, C12-15-alkyl esters
<b>INCI NAME</b>	C12-15 ALKYL BENZOATE
<b>CAS NUMBER</b>	68411-27-8
<b>FUNCTION</b>	Emollient, smoothing agent and pigment dispersant.
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at (20±25)°C.....clear liquid</p> <p>Colour (Hazen units) at (20±25)°C .....max 50</p> <p>Acidity value, mgKOH/g .....max. 0,5</p> <p>Saponification number, mg KOH/g ..... 169 ÷ 182</p> <p>Refractive index in temperature 20°C..... 1,483- 1,487</p> <p>Water, %(m/m) .....max. 0,3</p>
<b>GENERAL DATA</b>	<p>Molecular weight ..... approx. 304</p> <p>Solubility in water ..... insoluble</p> <p>Other solvents ..... chloroform, hexane</p> <p>Density at 20°C, g/mL ..... approx. 0,96</p> <p>Odour ..... characteristic</p>
<b>APPLICATION</b>	Used in formulations as an emollient. In color cosmetics and sunscreen products, it is used as an emollient, smoothing agent and pigment dispersant. It is a very good solvent for lipophilic active ingredients and UV filters. It reduces the viscosity and greasiness of cosmetics and improves their application properties. In addition, a substance with preservative properties.