

EXOcare TE20 FLAKES MB

CHEMICAL NAME	Mixture
INCI NAME	Cetareth-20, Cetearyl Alcohol
CAS NUMBER	-
FUNCTION	Emulsifier, stabilizer, thickener
TECHNICAL REQUIREMENTS	<p>Appearance at (20±25)°C.....white to cream solid wax in a form of flakes</p> <p>Water, %(m/m)max 1.0</p> <p>Hydroxyl value, mg KOH/g 166 ÷ 178</p> <p>Color in Gardner scale at (60°C)max 2.0</p> <p>pH of 5% solution 4.5 ÷ 7.5</p> <p>Acid value, mg KOH/gmax 1.0</p> <p>Saponification value, mg KOH/g.....max 2.0</p> <p>Iodine number, gJ₂/100gmax 2.0</p> <p>1,4-dioksan, ppm (m/m)max 10</p> <p>Ethylene oxide, ppm (m/m)..... max 1</p>
GENERAL DATA	<p>Melting point, °C..... 47 ÷ 55</p> <p>Solubility in water insoluble (creates dispersions)</p> <p>Hydrophilic-lipophilic balance (HLB) approx. 8</p> <p>Odour characteristic</p>
APPLICATION	EXOcare TE20 FLAKES MB functions as an emulsifying base in O/W preparations. Product can also be applied as a thickening and stabilizing agent. It can be used with other non-ionic surfactants and in mixtures with anionic and cationic surfactants.