
















## Lansperse DIS145

<b>Specification</b>	Appearance at 25°C	:	Light brown powder
	pH (5% Aqueous)	:	6.0 - 8.0
	Sodium Sulphate Content %	:	5.0 Max

<b>Typical Properties</b>	Composition	:	Sodium naphthalene sulphonate formaldehyde condensate
	Odour	:	Mild
	Bulk Density at 20°C (g/cm <sup>3</sup> )	:	0.5
	Solubility in Water	:	Soluble
	Melting Point °C	:	>200
	Flash Point Open Cup °C	:	>100

### Solubility

 Water	 Isopropanol	 Ethanol	 Acetone	 MPG	 DEG
 UV Monomer	 2 Ethylhexanol	 White Spirit	 Vegetable Oil	 Xylene	 Shellsol A150N

Soluble  | Sparingly Soluble  | Insoluble 

**Application** Lansperse DIS145 is an effective dispersing agent that is supplied in powder form. In particular this product is effective in dispersing carbon black, zinc oxide, sulphur, kaolin, talc calcium carbonate and dyes.

Recommended levels based on pigment level

Inorganic Pigments : 1 - 5%

Incorporation

Incorporate the dispersing agents into the aqueous binder during high speed dispersion before the addition of the pigments. For higher than 30% pigment loadings this mill base must then be processed through high energy dispersion techniques such as beadmills, basket mills and three roller mills.

**Packaging** Lansperse DIS145 is supplied in 25kg bags

**Storage** Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansperse DIS145 in order to prevent corrosion and subsequent contamination.

All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.

Lankem Ltd  
 Charles Street  
 Dukinfield  
 Cheshire  
 SK16 4SD  
 United Kingdom

Tel : 44 (0)161 343 3355  
 Fax : 44 (0)161 343 3366  
 technical@lankem.co.uk  
 www.lankem.eu

