

Bio-Loop dispersing agent for aqueous systems

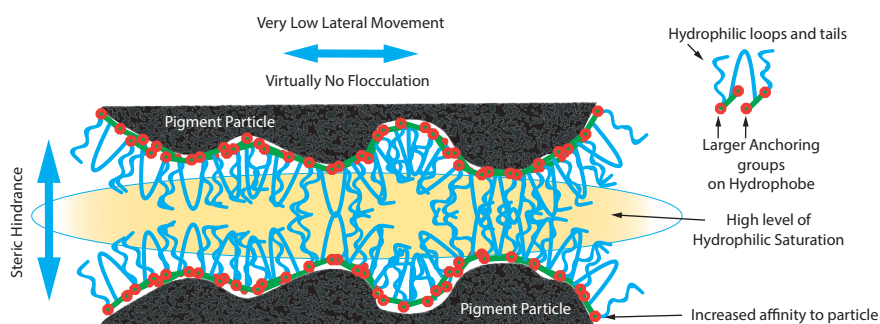
Description

Dispersing agents are used extensively in the coatings industry to help disperse solid particles into a liquid medium.

Dispersing agents perform by the anchoring of the surfactant onto the particle substrate and then acting as a barrier to stop re-agglomeration of the particles. This concept is often referred to as steric stabilisation. Our products have been developed using a natural backbone which contains anchoring groups. What makes them unique is the introduction of a hydrophilic loop that not only has an affinity for water and polar solvents but also provides both steric hindrance and stability. Also to help boost the hydrophilic nature within the spacing between the particles Lansperse BA6 contains both loops and tails and an extra large anchoring. This helps to give further improvements in stability and flocculation reduction.

Key Features

- Based on the Bio-Loop technology
- Powerful dispersing properties
- Low flocculation
- VOC free
- Fast particle size reduction
- Good ecotoxicity
- No skin or eye irritancy



Specification

Appearance:	Light amber liquid
Colour:	10 Gardner max
Solids Content %:	38 - 42

Applications

- Dispersing agents for:
- Organic Pigments

Typical Properties

Composition:	Bio-Loop dispersant with tails and anchor
Odour:	Characteristic
Viscosity at 25°C (cP):	60
Specific Gravity at 20°C:	1.04
Pour Point °C:	~8
Flash Point Closed Cup °C:	>100

Formulation Guide

Lansperse BA6 addition level		Lansperse BA6 addition level	
Yellow 3 44%	17.5%	Yellow 13 50%	17.5%
Yellow 74 45%	17.5%	Yellow 83 32%	20%
Yellow 110 40%	17.5%	Orange 13 42%	17.5%
Orange 73 40%	19%	Red 5 44%	19%
Red 112 50%	20%	Red 122 30%	20%
Red 146 42%	17.5%	Red 254 43%	20%
Violet 23 30%	22%	Green 7 55%	20%
Blue 15 50%	22%	Blue 15.3 50%	20%

Packaging and Storage

Lansperse BA6 can be supplied in IBC's, 200kg or 25kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lansperse BA6 in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

Regulatory Information

Please refer to Safety Data Sheet.

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.