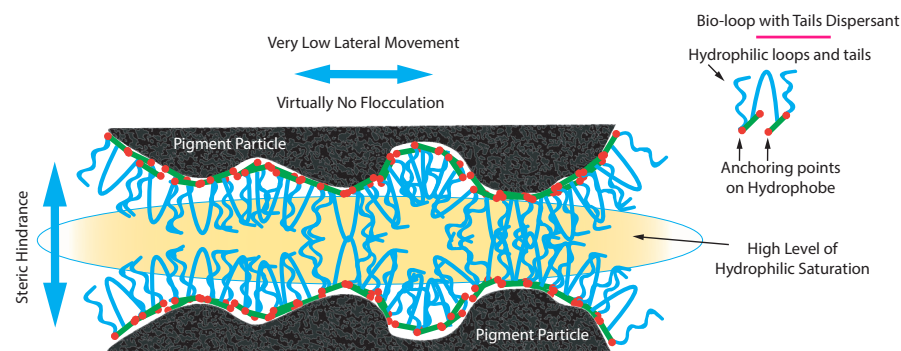


## Bio-Loop dispersing agent for aqueous systems

### 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 LT87 contains both loops and tails. 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:	Amber liquid
Colour Gardner:	7 max
Saponification Value mg.KOH/g:	30 - 38
Solids Content %:	78 - 82

### Typical Properties

Composition:	Bio-Loop dispersant with tails
Odour:	Characteristic
Viscosity at 25°C (cP):	620
Specific Gravity at 20°C:	1.08
Pour Point °C:	18.5
Flash Point Closed Cup °C:	>150

### Applications

- Dispersing agent for:
- Organic Pigments

## Formulation Guide

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Lansperse LT87 addition level		Lansperse LT87 addition level	
Yellow 3 44%	8.75%	Yellow 13 50%	8.75%
Yellow 74 45%	8.75%	Yellow 83 32%	9.5%
Yellow 110 40%	8.75%	Orange 13 42%	8.75%
Orange 73 40%	9%	Red 5 44%	9%
Red 112 50%	10%	Red 122 30%	10%
Red 146 42%	8.75%	Red 254 43%	10%
Black 7 45%	11.25%		

## Packaging and Storage

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Lansperse LT87 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 LT87 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

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Please refer to Safety Data Sheet.

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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.