

## TECHNICAL DATA SHEET

# ECODIS™ P 90 MB

100% Bio-attributed dispersing agent for water-based system

**Ionic Homopolymer dispersant**



100% bio-attributed through mass balance



Lower carbon footprint

## TYPICAL CHARACTERISTICS

Nature	<b>Polyacrylate Ammonium Salt</b>
Appearance	<b>Green liquid</b>
Solid Content (%)	<b>40</b>
Active Content (%)	<b>40</b>
pH	<b>7</b>
Specific gravity	<b>1.16</b>
Neutralization type	<b>Ammonium</b>
Solvent	<b>Water</b>
Total Bio content (%)	<b>100</b>

## DESCRIPTION

Ecodis™ P 90 MB is the Mass Balance version of the Ecodis™ P 90 with a Bio-attributed content of 100%. It allows a significant reduction of the product carbon footprint compared to its fossil version. Ecodis™ P 90 MB achieves exactly the same performance as the Ecodis™ P 90 and can be readily used and implemented as a direct drop-in.

## RECOMMENDED ADDITION LEVEL

The required amount varies from 0.1% to 0.5% of active ingredients based on the total weight of the pigments and fillers. It is recommended to disperse the pigments and fillers in a pH range of 7.5 to 9.5.

## STANDARD PACKAGING

Other packaging may be available upon request

- 1000L IBC
- 220L Drum
- Bulk

## HANDLING & STORAGE

It should be protected from the effects of weathering and stored between 5 and 40°C. Once opened, packaging should be resealed immediately after use. A small decrease in pH may be observed: it can be corrected by adding small quantities of ammonium hydroxide. In these conditions, this product should be used within 12 months from delivery.

## MARKETS

### Coatings & Inks

- Graphic Arts
- Architectural Coating
- Industrial Coating
- Textile & Leather Coating
- Traffic Paint

### Adhesives & Sealants

- Assembly
- Pressure Sensitive Adhesives
- Sealants

## KEY BENEFITS

### FORMULATION

- Cost in use
- Compatibility
- Easy handling



### STORAGE

- Antisettling
- Viscosity stability
- Floating resistance
- Syneresis resistance



### FILM PROPERTIES

- Hiding power/Opacity
- Transparency
- Stain resistance



### SAFER SOLUTIONS

- APEO Free\*
- Heavy Metal Free\*
- Solvent Free\*

*\* Not intentionally added but not specifically measured (not part of product specification)*

- Total Bio content (%) **100**

## PVC

PVC Low  
PVC Mid  
PVC High



# ECODIS™ P 90 MB

## PROCESSING INSTRUCTIONS

Ecodis™ P 90 MB must be present during pigment and extender dispersion and should, therefore, be added before these products are blended in. The addition level is determined by plotting the graph of the viscosity of the dispersion in water, versus the amount of dispersant added. The level of dispersant corresponding to the minimum viscosity is selected as the addition level.

## HEALTH AND ENVIRONMENTAL DATA

For safe handling please refer to the Safety Data Sheet. For more information about health and environmental data, please contact us.

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