

ECODIS™ P 50 MB

100% Bio-attributed dispersing agent for water-based systems
Ionic Homopolymer dispersant

TYPICAL CHARACTERISTICS

Nature	Polyacrylate sodium salt
Appearance	Blue-green aqueous solution
Solid Content (%)	40
Active Content (%)	40
pH	7.5
Specific gravity	1.29
Neutralization type	Sodium
Solvent	Water

DESCRIPTION

Ecodis™ P 50 MB is the Mass Balance version of the Ecodis™ P 50 with a Bio-attributed content of 100%. It allows a significant reduction of the product carbon footprint compared to its fossil version. Ecodis™ P 50 MB achieves exactly the same performance as the Ecodis™ P 50 and can be readily used and implemented as a direct drop-in.

RECOMMENDED ADDITION LEVEL

The level of dispersant corresponding to the minimum viscosity is chosen. The required amount varies from 0.1% to 0.5% of active ingredients based on the total weight of the pigments and fillers. A more easy way is to start formulation trials using 0.4% to 0.5% of it, as delivered, on the total formulation weight. It is recommended to disperse the pigments in a pH range between 7.0 and 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. In these conditions, this product should be used within 12 months from delivery.

PROCESSING INSTRUCTIONS

Ecodis™ P 50 MB should be preferably added to water before the pigment incorporation. The optimum level is determined for each pigment blend by plotting the graph of the viscosities of the pigment dispersion in water, versus the amount of dispersant.

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.

MARKET

Coatings & Inks

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

Adhesives & Sealants

- Assembly
- Other Adhesives
- Sealants

KEY BENEFITS

FORMULATION

- **Cost in use**
- **Compatibility**
- **Easy handling**



STORAGE

- **Antisettling**
- **Viscosity stability**
- **Floating resistance**
- **Syneresis resistance**



FILM PROPERTIES

- **Hiding power/Opacity**
- **Stain resistance**



- **APEO free** Yes
- **Bacteria resistance** Yes
- **Heavy metal free** Yes
- **Solvent-free** Yes

PVC

PVC High
PVC Mid
PVC Low



SUITABLE FOR

Fillers
Inorganic pigments

