

## TECHNICAL DATA SHEET

### ECODIS™ C 30

Dispersing agent for water-based systems

**Ionic Homopolymer dispersant**

#### TYPICAL CHARACTERISTICS

Nature	<b>Polyacrylate sodium salt</b>
Appearance	<b>Colourless to slightly yellow, clear liquid</b>
Solid Content (%)	<b>42</b>
Active Content (%)	<b>42</b>
pH	<b>8</b>
Specific gravity	<b>1.31</b>
Neutralization type	<b>Sodium</b>
Solvent	<b>Water</b>

#### DESCRIPTION

Ecodis™ C 30 has been especially developed as a lighter colored version of Ecodis™ P 30 with limited color evolution upon storage. It ensures the complete dispersion of extenders and inorganic pigments at high solids contents in systems showing medium to high PVC.

#### 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. 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™ C 30 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. The level of dispersant corresponding to the minimum viscosity is chosen.

#### MARKETS

##### Coatings & Inks

- Graphic Arts
- Architectural 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
- Gloss



##### SAFER SOLUTIONS

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

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

#### PVC

PVC Low  
PVC Mid  
PVC High



#### SUITABLE FOR

Inorganic pigments  
Fillers



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.

Headquarters: Arkema France  
51, Esplanade du Général de Gaulle  
92800 Puteaux – France  
T +33 (0)1 49 00 80 80