

078040 Disperse Aid

Disperse Aid is a wetting agent for aqueous and non-aqueous systems.

Physical and Chemical Data

Composition:

Blend of special polyglycolesters, biodegradable.
Disperse Aid contains fatty acid polyglycolester (non-ionic surfactant).

Appearance: liquid
Color: yellow

Typical Properties:

Active ingredients:	approx. 100 %
Consistency:	medium viscosity
Density at 20°C:	approx. 1.0 g/cm ³
Solubility:	easily to emulsify in water, soluble in most common aromatic and aliphatic solvents.
pH (2% in dist. H ₂ O):	approx. 6.5
Surface tension:	approx. 33 mN/m

This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product.

Properties and Applications

Disperse Aid is a wetting agent with low foaming tendencies, suitable for many aqueous and non-aqueous systems. It improves the pigment dispersion in emulsion paints. It is suitable for pigments which are difficult to disperse. Disperse Aid prevents flocculation of the particles caused by emulsifier migration after long storage of the paint or through a mechanical or thermal shock. Disperse Aid is biodegradable and is recommended specifically for environmentally safe systems.

Recommended Levels and Application

Ladder studies are recommended to determine optimum levels. Normal dosage ranges from 0.1 to 0.3% on total formulation. Disperse Aid can be added at any time during production.

For most efficient use it is recommended to add Disperse Aid to the pigment grind. Post addition is possible to improve color intensity.

The addition of 1-3% Disperse Aid may be necessary in aqueous intense color pastes and in tinting pastes.

Storage and Handling: Disperse Aid is not sensitive to freezing. Nevertheless, for better handling it should be stored between 15 - 25°C. The minimum shelf life in closed containers is 12 months from the date of dispatch.

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