

### Typical chemical and physical properties

ADDAPT® BioFlow 71 is a VOC free, silicone free wetting agent for aqueous systems such as **(paper) coatings, ink, and universal pigment preparations**

#### Proprietary mixture of Surface-Active compounds in water

Appearance	Transparent liquid
Odour	Characteristic
Viscosity at 25 °C	< 50 mPa.s
Density	1.05 - 1.15 g/cm <sup>3</sup> at 25 °C
Solubility Water	100 %
Biodegradation	Readily Biodegradable (OECD 301)

*This information is intended as a guideline only. For specifications, please consult the Certificate of Analyses.*

### Applications and typical treat level recommended

- Coatings	0.1 -2.0 % wt. based on total formulation
- Printing Inks (OPV)	
- Paper Coatings/Impregnation	

### Benefits

ADDAPT® BioFlow 71 is recommended to improve:

- ✓ Pigment grinding efficiency.
- ✓ Reduction of pigment particle size/Wetting of pigment surface
- ✓ Colour acceptance of tinting systems

For preparation of (resin free) pigment pastes/pigment dispersions, it is highly recommended using ADDAPT® BioFlow 71 in combination with the universal pigment dispersant ADDAPT® ADDISP ECO.

ADDAPT® BioFlow 71 is found to be an excellent carrier for water-soluble chemicals that must be placed on/in hydrophobic surfaces.

ADDAPT® BioFlow 71 exhibits a low surface tension values under both dynamic and static conditions (30 mN/m).

ADDAPT® BioFlow 71 exhibits a high surface energy that leads to an excellent wetting of the coating without an increase of the water absorption (low COBB value).

