

ADDAPT® BioFlow 71 Biodegradable Wetting Agent

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/cm³ 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 $^{\oplus}$ 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).





ADDAPT® BioFlow 71

Safety and Handling Please read Material Safety Data Sheet (MSDS) before handling.

Product SpecificationThis information is available on request through our local representative.

Packaging This information is available on request through our local representative.

Quality Policy The objective of our quality policy is the continuous fulfillment of the internal

and external requirements agreed upon with our partners with regards to

everybody's performance.

The Quality System of ADDAPT® Chemicals BV is based on the principles

of the NEN-EN-ISO-Standard 9001:2015.

Liabilities

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.

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