

Technical Data Sheet

Last revised: **01-2019**

DELTA-DC® 4075

DELTA-DC® 4075 is a wetting and dispersing agent for water-based and glycol containing universal pigment pastes. Additionally, **DELTA-DC® 4075** finds application in water based inks. **DELTA-DC® 4075** is particularly effective in dispersing organic pigments. The product is characterized by being APEO and VOC free.

Specifications:

Composition	: Solution of a block copolymer
Appearance	: Clear yellowish slightly viscous liquid
Solid content	: 89-91%
Specific gravity	: 1.100-1.220
pH	: 5-7

Methods of analysis can be received upon request

Applications and usage:

DELTA-DC® 4075 is a unique wetting and dispersing agent with wide application areas in water based paint, coatings and inks systems. **DELTA-DC® 4075** is characterized by being compatible with different aqueous resin systems.

DELTA-DC® 4075 should be added prior to the dispersion process. It is recommended to dilute the product with water 1:3 before introducing into the mill base followed by pigment introduction.

The recommended dosage level of **DELTA-DC® 4075** based on pigment weight is

1-5% for inorganic pigments

10-40% for organic pigments

30-60% for carbon black

The optimum addition level will depend on the specific formulation characteristics.

Safety and Handling:

DELTA-DC® 4075 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-DC® 4075 should be stored at temperatures between 5 °C and 32°C. Although **DELTA-DC® 4075** will not freeze under ordinary Conditions, best results can be insured if it is kept between the recommended temperatures prior to use. When kept in an original unopened container, it will keep up to 3 year from the date of manufacture.

Packaging:

200 kg non-returnable plastic containers.
