



Technical Data Sheet

Last revised: 01-2019

DELTA-DC® 4073

DELTA-DC® 4073 is a multi-functional anionic surfactant with prominent wetting and dispersing effect in various water-based applications. **DELTA-DC® 4073** is effective over a wide pH range in different water based resin systems and coatings.

Specifications:

Composition	: Anionic surfactant
Specific gravity @ 20°C	: 1.065-1.085 g/cm ³
Appearance	: Colorless to light yellow slightly viscous liquid
Active ingredients	: 50%

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA-DC® 4073 helps the wetting and stabilization of pigments in water based systems particularly when used in combination with polyacrylate dispersing agents in emulsion paints. **DELTA-DC® 4073** can be effectively used in high gloss systems. **DELTA-DC® 4073** also finds an application as a post additive to improve the color acceptance of universal colorants in base coatings. Further, **DELTA-DC® 4073** can be used to disperse and stabilize inorganic pigments in aqueous universal colorants.

In solvent based alkyd system, **DELTA-DC® 4073** can be used to introduce up to 25% water, offering a significant cost reduction with minimal effect on drying time and gloss.

In general, **DELTA-DC® 4073** is typically added at **0.2-2%** on total formulation. This dose is considered as a guideline. Optimum dosage should be determined by laboratory tests.

Safety and Handling:

DELTA-DC® 4073 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-DC® 4073 should be stored at temperatures between 5 °C and 32°C. Although **DELTA-DC® 4073** 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 5 year from the date of manufacture.

Packaging:

50 kg and 200 kg non-returnable containers.