

## Technical Data Sheet

Last revised: **01-2019**

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### DELTA-DC® 4286

**DELTA-DC® 4286** is a 100% active wetting agent for aqueous based coatings and pigment pastes.

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#### **Specifications:**

Composition	:	Nonionic surface active agent
Specific gravity @ 20°C	:	1.02-1.03 g/cm <sup>3</sup>
pH(1% w/w solution in distilled water)	:	5-7.5
Appearance	:	Clear colorless to slightly yellowish liquid
HLB	:	13.3
Hydroxyl value	:	81-90 mg KOH/g
Active ingredients	:	>98%

Methods of analysis can be received upon request

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#### **Applications and usage:**

**DELTA-DC® 4286** is a nonionic wetting agent for aqueous coatings systems especially emulsion paints. In emulsion paints, **DELTA-DC® 4286** helps the wetting and stabilization of pigments particularly when used in combination with polyacrylate dispersing agents. **DELTA-DC® 4286** can be effectively used in high gloss systems.

When used in water based universal coloring pastes, **DELTA-DC® 4286** will greatly improve the compatibility in both aqueous and non-aqueous systems.

Although **DELTA-DC® 4286** can be added at any stage of manufacturer, it is preferable to be added prior to pigment grinding. Typical dosage of **DELTA-DC® 4286** is **0.1-0.5%** upon total formulation weight. The optimum addition level will depend on the specific formulation.

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#### **Safety and Handling:**

**DELTA-DC® 4286** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

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#### **Storage:**

**DELTA-DC® 4286** should be stored at temperatures between 10 °C and 32°C. Although **DELTA-DC® 4286** 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.

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#### **Packaging:**

190 kg non-returnable containers.

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