

# TECHNICAL DATA SHEET

## **BILTREAT DA 731 (Dispersing Agent)**

### Product Description:

- Biltreat DA 731 an APEO free anionic dispersing is a versatile pigment dispersing agent for acrylic, acrylic-styrene, and vinyl acrylic based coatings.

### Physical Properties:

Appearance	:	Clear to Hazy Liquid
Color	:	Light to Pale Yellow
Chemical Composition	:	Polymeric Dispersant
Odor	:	Characteristic
pH, (@ 2 % In distil water)	:	10 to 11
Solid Content, (@ 105+/-2 0C)	:	24 to 26
Specific Gravity, (@ 30+/-1 0C, by Hydro Meter)	:	08 to 1.11
Viscosity, (@ 30+/-1 0C, by Brookfield)	:	20 to 130 Cps
Soluble in water	:	Soluble
Grade	:	Industrial Grade.

### Advantages:

- No added formaldehyde or formaldehyde generators.
- In addition, when formulated with a high-performance binder and other high-quality additive.
- It is a most generally useful dispersant can be expected to offer good dispersion, stability and film properties in a broad array of coating systems.
- Very effective with inorganic pigments and high efficiency performance.
- Versatile dispersant supplied as a low viscosity solution.
- Good gloss and hiding at economical use levels.
- Can offer reduced dispersion times.
- Increased hiding through efficient dispersion.
- Ability to enhance performance of specialty coatings, improved corrosion resistance.
- Good compatibility with HEUR rheology modifiers

### Applications:

- Recommended for flat primers, low VOC paints; interior and exterior flat, sheen and semi-gloss paints and high gloss topcoats.

### Recommended Dosage:

- Biltreat DA 731 should be tested at 0.5 to 1.25 % active ingredient based on total pigment weight.
- High levels of dispersant may lead to increased water sensitivity.
- It is important to determine the proper level for the finished paint formulation.
- If a low level is used, the dispersion may be incomplete providing an inadequate grind that will not maximize gloss, hiding, or stability.

### Health & Safety:

- Before using this product please consult/refer our Material Safety Data Sheet (MSDS) for information on safe handling and storage.

### Packing:

- Available in 50 kg Carboy, 220 kg barrel Packing, 1 MT Plastic IBC's.

### Shelf Life:

- 1 year from the date of manufacturer. After this product should be test prior to use.

### Disclaimer:

The suggestion & data in this publication is currently believed to be accurate. We do not guarantee its accuracy as the conditions & methods of the use of our products are beyond our control. Purchasers should always make their own determination of its suitability and completeness for a particular use, for the protection of the environment & for the health and safety of employees.