

Technical Information

ZETASPERSE® 3800 Dispersant – Dispersant for Aqueous Systems**Description**

ZETASPERSE® 3800 Dispersant is formulated to provide strong stabilization of pigments, fillers, and other solids in aqueous dispersion. Based on a moderate molecular weight comb polymer, ZETASPERSE® 3800 Dispersant offers robust steric stabilization suitable for a wide range of formulation characteristics.

Features/Benefits

- Broad utility, suitable for all pigment types
- Suitable for the dispersion of fillers and other solids
- 40 % active solution in water
- Clear, low viscosity liquid
- Suitable for binder-free/resin-free systems

Applications

- Dispersion and stabilization in aqueous systems
 - Pigments
 - Fillers
 - Other solids
- Colorants and pigment concentrates
- Coatings and paints
- Inks and graphic arts
- Industrial processes

Recommended usage

Dispersant use levels are proportional to the total pigment or particle surface area. Optimal surface coverage is typically found with 2–3 mg of active dispersant per m² of total surface area.

See FAZT.com for formulation guidance with over 1500 specific pigment grades.

Shelf life

The shelf life for this product is 24 months from the date of manufacture.

Storage and handling

Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable; if frozen, warm to 20 – 40 °C and mix well before use.

Please refer to the MSDS for the most current information.

Table 1: Typical Properties¹

Appearance	clear, amber liquid
Viscosity @ 25 °C (mPa · s)	500
Specific Gravity @ 25 °C	1.05
Flash Point (°C)	> 100
Pout Point (°C)	10

1 These are typical properties only and do not represent sales or manufacturing specifications.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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