

Disponer W-519

Waterborne Wetting and Dispersing Agent

GENERAL INFORMATION

Disponer W-519 is an anionic dispersant that provides excellent dispersion and stability for titanium dioxide and inorganic pigments and fillers in aqueous systems.

CHEMICAL & PHYSICAL PROPERTIES

| | |
|----------------------|---|
| Composition | ammonium salt of a polycarboxylic acid |
| Appearance | Colorless to slightly yellow clear liquid (25 °C) |
| Non-volatile content | ≥ 34 % |
| Solvent | water |
| Specific gravity | approximate 1.25 |
| pH value | 8 - 9 |

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Latex paints
- Adhesive
- Paper coatings
- Inks
- Textile coatings
- Architectural coatings

KEY PROPERTIES

- Good adaptability, and it can be used for most titanium dioxide, inorganic pigments, and fillers.
- Good dispersion and stability, effectively preventing the re-flocculation of pigments.
- Low foaming during use.
- Relatively small effect on water resistance of paint film.
- Does not contain organic solvents, and can be used for the production of environmentally friendly products.

INCORPORATION

It is added before grinding and dispersed with the pigment.

It can be combined with the Disponer W-18 or Disponer W-19.

Please check the optimum dosage and test compatibility before use.

LEVELS OF USE

Titanium dioxide, inorganic pigments and fillers: 1.0-1.5% based on pigments.

For iron oxide series pigments: 4-8% based on pigments.

HEALTH AND SAFETY

The product requires special care in handling.

Avoid any eye and skin contact.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 5 °C to 40 °C.

Below 5 °C, appearance may be cloudy or separation, please heat (water bath) to clear then stir to uniform.

SHELF LIFE

Disponer W-519 has a shelf life of 18 months from date of manufacture.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

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