

Disponer W-518

Waterborne Wetting and Dispersing Agent

GENERAL INFORMATION

Disponer W-518 is a low foaming polymeric dispersing agent which works effectively for a wide variety of pigments and extenders used in waterborne coatings.

CHEMICAL & PHYSICAL PROPERTIES

Composition	ammonium salt of a polycarboxylic acid
Appearance	yellow to brown liquid
Non-volatile content	29 - 32 %
Solvent	water
Specific gravity	1.10 - 1.14
Ion character	anionic
pH value	7.5 - 9.0 (1% solution in water)

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

APPLICATIONS

- Latex
- Water-soluble coatings

KEY PROPERTIES

- Good pigment dispersing and stabilizing the pigment used in emulsion paints.
- Low-foaming, efficing reduce the dosage of defoamer.
- To reduce viscosity of millbase and paint film defects.
- To maintain the viscosity stability of emulsion paints.
- Good water resistance in film.

INCORPORATION

Incorporated before grinding, dispersing with pigment.

It's recommended to incorporate Disponer W-18 with sufficient mixing.

Please check the optimum dosage and test compatibility before use.

LEVELS OF USE

Pigment: 1 - 2 % based on pigment.

Organic oxide: 4 - 8 % based on pigment.

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-518 has a shelf life of 18 months from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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