

DAPRO® DF 503

A VOC-free, water dispersible defoamer with excellent application properties

CHEMICAL & PHYSICAL PROPERTIES

Composition	a blend of metallic salt, polymeric derivatives, emulsifiers and mineral oil
Colour / Form	opaque off-white liquid
Flash Point	165°C / 330°F
Specific gravity	0.85
Viscosity, Brookfield	485 cps / 485 mPas

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

APPLICATIONS

- **DAPRO DF 503** is water dispersible defoamer which is excellent in aqueous media. **DAPRO DF 503** is particularly effective in flexo, gravure and screen printing inks, adhesives and water based industrial coatings as it exhibits fast knockdown even at low use levels. **DAPRO DF 503** is excellent in suppressing foam in effluent systems.

INCORPORATION

DAPRO DF 503 shows excellent compatibility and is suitable to use in the let down stage of sensitive coatings systems where optical properties are very important (e.g. gloss, transparency). A ladder study should be carried out to optimize the loading level.

LEVELS OF USE

Typically 0.3 - 1.0% on total weight, but should be optimized by testing.

HEALTH AND SAFETY

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

Must be mixed prior to use

Under adequate storage conditions, can be stored for at least 24 months in a closed container. Store between 50 - 100°F (10 - 38°C). If frozen thaw at room temperature and mix well. Detailed information on handling and safety can be found in the material safety data sheet. Handle in accordance with good industrial hygiene and safety practices.

SHELF LIFE

DAPRO DF 503 has a shelf life of 2 (two) years 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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