

Liquid vegetable oil based defoamer for waterborne applications

GENERAL INFORMATION

DAPRO[®] DF 9010 is a liquid vegetable oil based defoamer, economical in use, for universal waterborne applications. The product shows very good long-term efficiency.

PHYSICAL PROPERTIES

Appearance	Light amber wax liquid
Active content	98 – 100%
Density 25°C (ISO 2811-2)	850-950 kg/m ³
Viscosity, 25°C (ASTM D 2196)	600 – 2000 mPa.s
Solubility	emulsifiable in water, resulting in an unstable emulsion, which creams rapidly
Composition	ultra fine dispersion of wax in vegetable oil

APPLICATION AND PROPERTIES

DAPRO[®] DF 9010 is specially recommended for systems with good emulsifying properties, such as surfactant stabilised emulsions and emulsion paints. DAPRO[®] DF 9010 is based on vegetable oil/wax components with a small addition of a special silicone. The product is manufactured according to a unique production process, resulting in excellent storage stability. DAPRO[®] DF 9010 can be stored for many months without the risk of separation or sedimentation.

Feature	Consequence
Excellent stability	- best reproducibility
• Low emulsifiability in water	- provides longterm effectiveness
	- decreased water sensitivity and increased scrub resistance

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- Economical in use - cost saving
- Based on vegetable oil – contribute to renewable share of a paint

INCORPORATION

It is recommended to add DAPRO[®] DF 9010 mainly to the mill base formulation. Use in the letdown stage should be restricted to higher PVC formulations.

The exact concentration to be used depends on the individual conditions. In general a rate of 0.2 – 0.5% DAPRO[®] DF 9010, calculated on the total quantity of the paint system, will give excellent results.

HEALTH AND SAFETY DATA

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage. MSDS' can be found on the company website at www.elementis-specialties.com.

SHELF LIFE

DAPRO[®] DF 9010 has a shelf life of 1 (one) year 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.