



# PRINTOJET

## Chemical Description

Ester of fatty acids and Propoxylated alcohols

## Main Use

Grinding mediums for inkjet printing application by DOD technology.

## Typical Values

**Appearance at 20°C:** Clear liquid

**Colour:** from colorless to yellowish

**Solubility in water:** Not soluble in water, soluble in solvents

**Viscosity @ 25°C:** 6,5 - 8 cpoise

## Product Properties

PRINTOJET series has been studied to grind organic and inorganic stains/pigments to sub micron particles size, to formulate inks to be applied by means of inkjet printing in formulation with resins or resin-free inks. The medium confers a very low viscosity to the final ink, along with a good shelf life and resistance to pigment settling and agglomeration. The mill and the inkjet devices can be easily cleaned with our cleaner to wipe out all the ink residue. Do not use water to clean since the low water solubility of the medium..

## Applications

Dry pigment/Hyperdispersant/ PRINTOJET	25 ÷ 50 / 3÷20 / 50 ÷ 75
Ink viscosity	10÷25 Cp

The above data are merely approximate, because they depend on the type of pigment, solvent and the chosen application method.

## Storage and Handling

PRINTOJET is stable in normal warehouse conditions. Avoid storing under direct sun rays and however at temperatures higher than 50°C. A slight haziness of the product in time must not worry, along with a slight change of hue in time. If correctly stored the product is stable for at least 12 months.

## Packaging

850 kg plastic tanks and bulk shipment.

## Material Safety

PRINTOJET is not labelled as dangerous. Nevertheless it is necessary to remember that improper use of chemicals and the absence of basic practices of industrial hygiene can be harmful to health and environment. Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive.

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