

### Lubricants/Water Treatment

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#### Typical chemical and physical Properties

**D'FOAM EM UC100** is a versatile additive additive that works as a base for various **types** of lubricants, cutting and hydraulic fluids and as an excellent wetting agent for textiles-related applications. At temperatures above 50 deg C, it exhibits remarkable antifoaming properties too.

#### Combination of polyalkylene glycols

##### PROPERTIES:

Appearance	Crystal clear liquid
Active content	100 %
Viscosity at 40 °C	1000 mPa.s
Flash Point	> 230 °C
Density	0.95 – 1.0
pH	5.0 – 7.0

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#### Applications and typical treat level recommended

**D'FOAM EM UC 100** is used either where a solution in water is required or where water absorption is desirable. Water-diluted solutions provide low surface tension, good wetting and penetration characteristics besides exhibiting low foaming properties.

Apply the product in its natural state by aspersion or by dosing pump and adjust the initial dosage according to the requirements.

**D'FOAM EM UC 100** may also be distributed with a water dilution system and or with a special metering system for automatic dosing into the system.

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#### Benefits

**D'FOAM EM UC 100** is a 100% active product and shows excellent performance in the control of foams and maintains flowability of the end product at desired levels (in applications such as paints and coatings).

Aqueous solution of **D'FOAM EM UC 100** makes excellent lubricant and heat transfer agent for use in metal cutting processes. Its inverse solubility comes in handy in metalworking fluids making, which means that at temperatures higher than 50 deg C, it becomes separates itself from water and coats the hot metal surface. As the coolant circulates well, the temperature falls when the lubricating element once again becomes water-soluble.

It is very effective at low concentrations and facilitates smoother pump operation, transport.

**D'FOAM EM UC 100** leaves no residues in the pipes or valves of the equipment used.

