



# Tensiojet A

## Chemical Description

Ethylene and propylene oxides derivatives

## Main Use

Antifoam agent for glazes applied by disk or airless

## Typical Values

**Appearance at 20°C:** Clear liquid

**Solubility in water :** emulsifiable in water

**Density :** about 990 g/l

## Product Properties

Tensiojet A is an extremely versatile antifoaming agent; it prevents foaming when the process involves glazes, fritted glazes and bodies .

Moreover it fixes solutions preparation downing existing foams.

Tensiojet A can also be used as surface-active agent: it is practically insoluble in water, but it drastically reduces the surface tension of the glaze slip.

The effects of such surface tension reduction are the following :

- 1) the disk or, rather, the disk blades can produce smaller drops and this effects improves the glaze laying on the tile;
- 2) when the glaze drops have laid on the tile, before getting dry, they can join together because of less cohesion strength and this helps the laying as well;
- 3) as the Tensiojet A is an oily liquid, it also allows to disk to be slightly lubricated.

## Applications

**Tensiojet A** can be added directly to the glaze

### **Dosage:**

Liquid glaze/ <b>Tensiojet A</b> (w/w)	100 / 0.05-0.2
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Those data have to be considered approximate because they depend on the base glaze applied and on the grazing line condition.

## Storage and Handling

Tensiojet A is stable at normal storage conditions. Store at temperature between + 5°C and + 35 °C.

A slight separation of the water phase in time must not to alarm because it does not influences the product's chemical-physical and applicative properties. Simply by stirring the product will regain homogeneity. If correctly stored the product is stable for at least 12 months

## Packaging

125 Kg drums and 1000 kg plastic tanks.

## Material Safety

" Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive."

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