



TENSIOFIX

**ME
FORMULATION**

TYPICAL FORMULA

Active ingredient(s)	2,00 g/l	to	150,00 g/l
Surfactant(s)*	10,00 g/l	to	150,00 g/l
Solvent	5,00 g/l	to	150,00 g/l
Water	Quantity adjusted to 1 l		

* Emulsifier(s).

DEVELOPMENT STEPS

1 Check the active ingredient (a.i.) properties.

- Liquid (solid pesticides are made soluble in a minimum quantity of solvent)
- Low solubility of the a.i. in water
- A.i. non sensitive to hydrolysis.

2 Identify the right emulsifiers.

Range of Tensiofix® emulsifiers

Our alkylphenol free range of emulsifiers for EW consists in 3 main surfactants:

- Tensiofix® IW 60
- Tensiofix® 96 DB 08
- Tensiofix® EW 70

In some cases, the use of 3 other surfactants may also be considered
(listed by increasing HLB value)

- Tensiofix® N 9811
- Tensiofix® B 9718
- Tensiofix® B 9732

User guidelines

The 3 main surfactants are often used as a pair:

- Tensiofix® IW 60 with Tensiofix® 96 DB 08
- Tensiofix® IW 60 with Tensiofix® EW 70

Balancing the two surfactants allows to reach the ideal HLB value to obtain a clear microemulsion.

SPECIFIC MATERIAL REQUIRED FOR PREPARATION

- Homogeniser (simple mixing)



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