

**FLUORESCENT MAGNETIC INK**  
**Aqueous dispersion in spraycan**  
**BabbcoSafe 778A****MANUFACTURER: Babb Co (FR)****DESCRIPTION / APPLICATION(S):**

Yellow-green fluorescent magnetic ink for inspection under UV-A:

- Very thin
- Very stable
- Distributed in spray can or in 250mL concentrates to be diluted in 10L

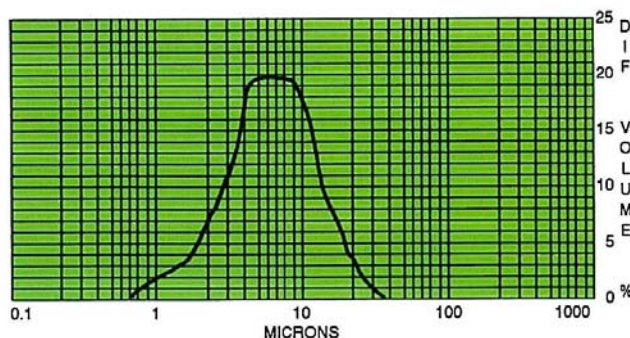
Can be used with any magnetic field generator (current passing, hand yokes, permanent magnets).

**Companion products:** water or demineralised water**SPECIFICATION(S) / STANDARD(S):**

- Conforms to code(s) : ASME  
standard(s): ISO 9934-2  
NFF 00-090  
specification(s): ASTM-E-1444  
AMS 3044
- Homologation : PMUC (French acronym for : Products and Equipments allowed for use in power plants by EDF-French Electricity Board) (for spraycan)
- This product complies with REACH regulation.

**PHYSICO-CHEMICAL PROPERTIES:**

- Water-based solution containing anticorrosion and wetting agents. Non-flammable, no odour, no vapour
- Magnetic powder with particles from 0,5 to 25 µm. Average value : 6,5 µm





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- Low in halogens and sulphur content

For spraycan:

- Propellant : CO<sub>2</sub>
- Concentration : 2,0 g of magnetic particles/L.

For concentrate:

- Concentrate : pH>8,9
- Dilution : pH around 8,7
- Solid content : 30g/L
- Particles sizes : 80% between 1,5 µm and 25µm
- Without nitrites

## PACKAGING / TRANSPORT / STORAGE :

**.Packaging :** 400mL spraycan  
250 mL concentrate

**.Transport / Handling :** Refer to Material Safety Data Sheet (MSDS).

**.Storage / Shelf life :** Keep away from moisture  
Temperature range : 0°C à 50° C.  
Keep packaging closed after taking out some of the product

Spraycan / concentrate : 24 months

## INSTRUCTIONS :

We advise to clear the piece from any paint, oxide, soldering flows, etc..., likely to give false indications, and to degrease carefully and thoroughly.

Best results are obtained by using **BabbcoSafe 778A** between 10 and 35°C.

### Use of spraycan

Shake the can until you can clearly hear the ball tinkling.

Spray **BabbcoSafe 778A** during 3 to 5 seconds on the area to be inspected **during the magnetisation**. Carry on magnetising for 2 to 3 seconds after you stop spraying, so that the particles can take their place properly.

### Use of concentrate

Stir the bottle thoroughly before pouring the content in a 10 L can.



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Rinse the bottle twice with water, pour in the 10 L can, then add water for a total volume of 10 L.

The product is then ready to use.

Before any use, stir the product thoroughly to ensure consistent concentration.

When the BabbCo Safe 778A is in a bench, switch on the recirculating pump before inspection for homogenisation.

Inspection is done under UV-A light.

**HEALTH AND SAFETY** : Refer to Material Safety Data Sheet (MSDS).

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