

**Approvals and conformities**

ISO 9934-2  
NFF 00-090  
AMS 3042  
ASTM-E-1444  
ASME

**Manufacturer : BabbCo (F)****Description / Application :**

Black magnetic detecting medium available in spraycan and concentrate to be diluted in water at 5.0 % by volume (1:20).

It is a very fine and stable product containing anticorrosion, wetting and dispersing additives.

Non-flammable propellant

Very low odor

Very low sulfur and halogens contents

Temporary frost resistance, down to -10 °C (concentrate form)

This product can be used with any magnetic field generator (current passing, hand yokes, permanent magnets) and in magnetic bench.

**Companion products :** Tap water, demineralized water or unconditioned demineralized water (SED grade for Electricity of France)

White background B104A or B102A « Pellical »

***DIRECTIONS FOR USE***

BabbCoSafe 820B can be used from 0 to 50 °C but the best results are achieved between 10 and 35 °C.

**Preparation :**

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

The application of the B104A or B102A "Pellical" white background is strongly recommended. The contrast with BabbCoSafe 820B will then be significantly improved, causing an easier reading.

- For the concentrate dilution :

Shake thoroughly the product before pour it in a suitable container. Rinse the packaging twice with water and then adjust the final volume according the following data.

Packaging of concentrate : X L

Volume of « ready to use » : 20 \* X L

Shake again in order to disperse all the particles. In machine let the pump run for at least 30 minutes before use. The product is then ready for use.

- For the spraycan :

The product is ready to use, shake the can until you can clearly hear the ball tinkling.

**Application :**

Spray BabbCoSafe 820B during 3 to 5 seconds on the area to be inspected during the magnetization.  
Continue magnetisation for 2 to 3 seconds after you stop spraying.

**Observation :**

Inspection is done under white light according EN ISO 3059.

## **TECHNICAL CHARACTERISTICS**

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Granulometry .....	0,5 to 2µm / average value 1,1µm
Specific gravity .....	1,18
Particle content .....	8,4 g/L (spraycan and diluted)
pH .....	9 (diluted)

## **PRECAUTIONS FOR USE AND STORAGE**

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

**Storage :**

Spraycan form : keep the product in a cool and dry place.

Concentrate form : keep the product away from light, in a cool and dry place and tightly closed.

**This technical data sheet replaces and cancels the previous one.**