



Magnetic particle inspection

Product information

MR[®] 133-R

MR[®]
CHEMIE
NDT-materials

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MR[®] 133-R Magnetic powder super concentrate

fluorescent, 1:1000, waterdispersable
for Magnetic Particle Inspection acc. to EN ISO 9934-1

General appearance and composition:

- Watermixable concentrate with fluorescent ferromagnetic particles
- Includes wetting agent and anti-foam emulsion
- Free of nitrite, halogens and silicones
- Medium particle size $d_a = 1-3 \mu\text{m}$
- Yellow-green fluorescent under UV-radiation
- High stability in a pump cycle
- Sediment 0,1-0,2 ml 100 ml (1h)
- No declaration of hazardous ingredients – ECO-LINE

Application:

- Remove tinder, rust and other contaminations from surface in a suitable manner
- Shake concentrate well
- Dilute 1:1000 in water; depending on the intended use dilute in water up to 1:2500
- According your requirements, add MR[®] Corrosion inhibitor and wetting agent
- During magnetization (e.g. with a MR[®] Hand yoke) spray the preparation on the surface
- Under UV-radiation discontinuities will appear as yellow-green fluorescent magnetic particle indications

Minimum shelf life:

- Will keep for a minimum of 2 years, stored at room temperature

Pack sizes:

- 1 kg