

## FLUXO 9

### Fluorescent Magnetic Concentrate for Magnetic Particle Inspection

#### General Appearance & Composition

- Fluorescent Magnetic Concentrate for MPI
- Powder Form
- Dilution 10g/L in Water
- Processing Temperature : 0°C to 50°C
- **FLUXO 9** is a mixture of fluorescent magnetic powder, wetting agent, antifoam, bactericide, rust inhibitor and additives.



#### Approval & Specifications

- NF EN ISO 9934-2
- ASTM E1444-01- Section 5.8 - ASTM E709
- ASME Boiler & Pressure Vessel Code, SECTION V

#### Properties

- Performance: 70mm in reference block type 2
- Aspect & color: green suspension
- Particles size: around 3µm
- Fluorescence coefficient:  $\beta \approx 3,8 \text{ cd.W}^{-1}$
- Corrosion test: level 1 (according standard ISO 9934-2)
- Mechanic stability : stable product
- Stability in time: minimum 60 months
- Settlement Volume: 0,20 to 0,30 ml / 100 ml (1 h)
- NOT DANGEROUS

#### Application

- Remove tinder, rust and other contaminations from surface
- Typical dilution : 10g/L in water (1/100)
- During magnetization spray the preparation on the surface
- Defects will appear as yellow-green fluorescent magnetic particle indications under UV Light

#### Shelf Life

- Minimum of 5 years, stored at room temperature

#### Pack Sizes

- Drum 1kg - 5kg - 50kg (on request)

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