

## FLUXO P172

### BIODEGRADABLE-based Red Dye Penetrant - Sensitivity Level 2

#### General Appearance & Composition

- Water Washable and Solvent Removable Red Dye Penetrant
- Method A/C - Type 2 - Level 2 according to EN ISO 3452
- **FLUXO P172** is a stable solution of biodegradable solvent, non-ionic surfactants and red dyes. **FLUXO P172** doesn't contain water.
- Processing Temperature: 0° to 50° C
- Associated products:
  - Cleaner / Remover: **FLUXO S190** and **FLUXO N150**
  - Solvent Based Developer: **FLUXO R175** - **FLUXO R180**
- Manufacturer: SREM TECHNOLOGIES

#### Approval & Specifications

- Sensitivity Level 2 according EN ISO 3452-2
- EN ISO 3452-2 - EN ISO 3452-6 (Low temperature)
- RCC-M Code
- ASME - Boiler and Pressure Vessel Code - Section V
- ASTM E 1417 - ASTM E 165
- Low in Sulphur & Halogens (Nuclear Quality)

#### Properties

- Aspect: Red Liquid
- Density (20° C): 0,905
- Flash Point: > 120° C
- Viscosity : 6 mm<sup>2</sup>/s (40° C)
- Compatible with any metal & many synthetic materials



#### Health and Safety Advantages

- Free from petroleum distillates / Free from COV / Free from butyl-di-glycol.
- **FLUXO P172** is **Biodegradable** - Passes OECD test for ready biodegradability. Biodegradation: > 80 %
- Waste treatment and disposal costs are reduced - discharge waste process water directly into the sewage system (depending on local regulation). Minimal environmental, occupational health and safety impact.
- NOT FLAMMABLE / NO ODOR / NOT NOCIVE

#### Instructions for Use

- Cleaning: Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- Application of Penetrant: Apply **FLUXO P172**: Application by immersion, spraying, brushing, dipping, etc... Allow to penetrate for at least 10 minutes.
- Removal: Remove the excess penetrant from the surface, with water. If you can't or don't want to use water, remove the excess penetrant with solvent **FLUXO S190** or **FLUXO N150**.
- Drying: Begin drying procedure immediately after water wash.
- Developing: Apply **FLUXO** developer on the part, achieving a thin and uniform layer.
- Inspection: Parts shall be inspected as per ISO 3059 standard requirements. Surface defects will appear as red indication.

#### Shelf Life

- Minimum of 5 years, stored at room temperature.
- Please refer to the Safety Data Sheet

#### Pack Sizes

- Aerosol Can 500mL
- Drum 5L - 20L - 200L



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