

Detect+

TRACING AND LEAK DETECTION

DETECT+ YELLOW

DETECT+ YELLOW is perfectly suited for plumbing and pipe-line professionals, real estate diagnosticians, leak detection specialists, pool technicians, building experts, hydrogeologists, and any individual wishing to conduct their own research.

MAIN CHARACTERISTICS

Appearance : Powder or liquid

Color in aqueous solutions :

Fluorescent yellow / green fluorescence under UV light

Excitation wavelength : around 365nm (Fluotechnik Lamp)

Emission wavelength : around 520-525 nm

Solubilities :

- Water : Very soluble
- Alcohols : Soluble
- Acetone : Very slightly soluble

Alkali fastness : Good resistance

Acid fastness : Poor resistance (fluorescence decreases in acidic medium, pH < 5)

Lightfastness : The color fades quite rapidly when the solution is exposed to light, especially if the pH is slightly acidic.

Oxidant fastness : Sensitive to oxidizing agents (chlorine, chlorine dioxide, ozone...)

Solution discoloration / cleaning : By adding an oxidizing agent (e.g., bleach)

Recommended maximum storage duration : 5 years, in original, hermetically sealed packaging, protected from light, moisture, frost, and heat.

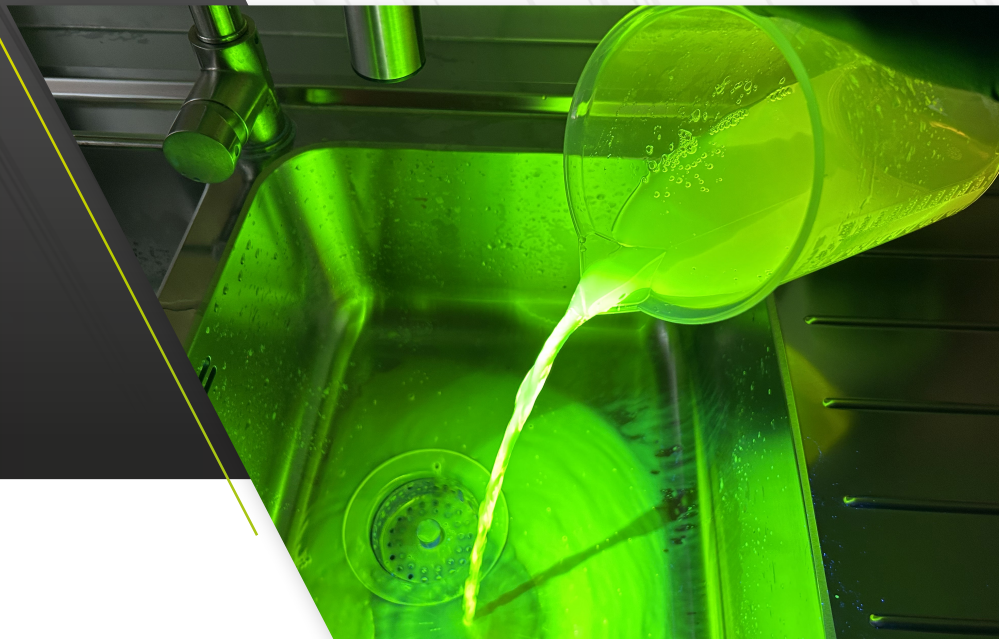
MAIN APPLICATION AREAS

The DETECT+ tracing dyes have been specially designed for :

- ▶ Roof / terrace / balcony / floor covering leak tests
- ▶ Building waterproofing and infiltration checks
- ▶ Wastewater, rainwater, and industrial water flow tests
- ▶ Agricultural spread simulation
- ▶ Hydraulic connection research between natural environment and building
- ▶ Leak detection on civil engineering structures: dam, dike, water reservoir
- ▶ Water infiltration detection on ground, wall, and ceiling
- ▶ Visual marking and buried pipeline connection tests
- ▶ Chemical product dispersion simulation
- ▶ Leak detection on underfloor heating, glycol cooling circuit
- ▶ Leak detection on storage tank

WARNING!

The information provided is indicative, based on our current knowledge, as of the date indicated; it does not constitute a guarantee. The user must test the product in their specific application and ensure its use complies with the regulations in force for the intended application and the geographical area(s) targeted for the commercialization of their finished product.



ENVIRONMENTALLY FRIENDLY



READY TO USE



AVAILABLE IN KIT FORM



CLEANING USE



POWDER DOSAGE
0,1 TO 0,5 G PER LITER



LIQUID DOSAGE
1 TO 5 ML PER LITER



FLUORESCENT UNDER UV LAMP

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