

## MANUFACTURER'S GUARANTEE:

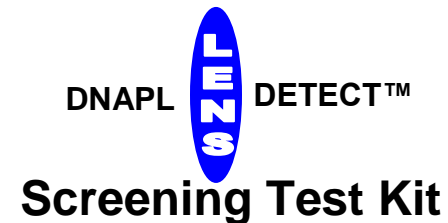
We will replace any broken or defective kits purchased.

If you are not satisfied with our product, return any defective kits to OIL-IN-SOIL,LLC for a refund. We reserve the right not to provide refunds if the kits have been tampered with in any way, or if not used in accordance the OIL-IN-SOIL MSDS and Instruction Manual.

OIL IN SOIL, LLC  
Levittown, Pennsylvania  
USA



**Manufacturers of Petroleum & DNAPL Screening Kits**



# Instruction Manual

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"Congratulations on purchasing the easiest and fastest test kit available today for screening DNAPL!"

### INTRODUCTION:

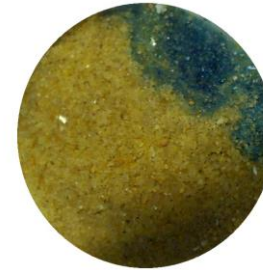
**DNAPL-LENS-DETECT™** is composed of a polyethylene spray bottle, Royal Blue Anthraquinone dye (Ball Point Pen Ink Dye) detergents and Trisodium Phosphate (TSP). Water floats on DNAPL (Dense Non Aqueous Phase Layer) allowing surfactants to "wet" the DNAPL, permitting the dye to diffuse into and color the DNAPL. **NO SDS is needed!**

### USING THE TEST KIT:

When ready to begin testing, remove the spray head, empty the packet of dye and surfactant into the bottle using the paper funnel. Next fill the bottle with 500 ml of warm (room temperature or above) 120° F or 50° C potable water to the "FILL TO HERE" mark on the bottle label. Replace the spray head and shake the contents for 30 seconds.

Set the spray nozzle to a fine mist ensure the dye is fully suspended in solution. Hold the nozzle 8" to 12" (20 to 25 cm) from the drill core sample to be tested and direct the spray directly on to the core. Wait at least 1 minute to determine whether a blue color is present at the tested site – See image opposite. **LIGHTLY SPRAY THE CORE. IF IT DRIPS YOU ARE USING TOO MUCH SPRAY!**

**Note:** Always use potable water for this test!



**DNAPL-LENS-DETECT™**  
Indicating 1,1,1 Trichloroethane  
(TCA)

For optimal value, the contents of the spray bottle should be kept above 68° F (20° C).

### PROPER PROTECTIVE EQUIPMENT:

Please follow safety instructions outlined in the MSDS. Always use plastic gloves and safety glasses when using the **DNAPL-LENS-DETECT™**

### DISPOSAL OF USED SPRAY BOTTLE:

May be flushed down a toilet and lo per local regulations  
- Dispose of the bottle with the contaminated soil.