

SAR-GEL[®]
BY ARKEMA

SARTOMER AMERICAS /

SAR-GEL[®] water finding paste





SAR-GEL® WATER FINDING PASTE

Water contamination in fuel tanks can ruin valuable product, causing loss of inventory and profit. Sartomer developed SAR-GEL® water finding paste for quick and reliable detection of water in the bottom of tanks containing gasoline, E10 gasoline, diesel, jet fuel, fuel oil, biodiesel, light crude oil, solvents and other materials incompatible with water. SAR-GEL® is easy to use, and detection is simple.



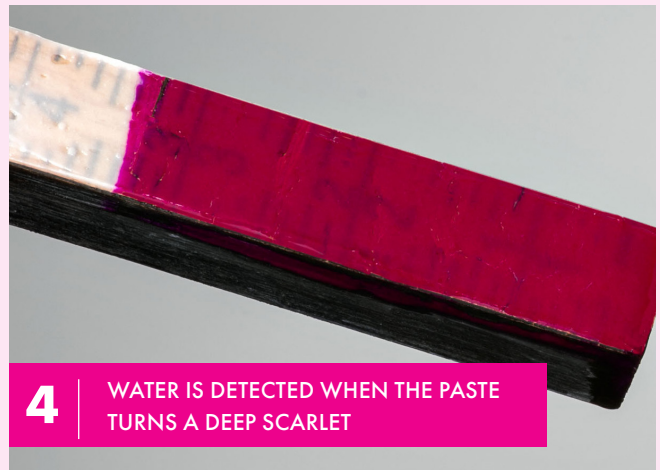
1 APPLY A SMALL AMOUNT OF SAR-GEL® PASTE TO THE END OF A GAUGE STICK



2 SPREAD THE PASTE OVER SEVERAL INCHES ON THE SURFACE OF THE GAUGE STICK



3 INSERT STICK INTO THE TANK FOR RECOMMENDED TIME (SEE CHART)



4 WATER IS DETECTED WHEN THE PASTE TURNS A DEEP SCARLET

SAR-GEL® WORKS IN SECONDS:

(Independent lab verified)

Fuel type	Detection time *
Biodiesel	2 seconds
Diesel	1 second
Fuel oil	2 seconds
Gasoline without alcohol	<5 seconds
Hydrocarbons	1 second
Jet A	1 second
Light crude oil	4 seconds
E10	90 seconds
E15	2 minutes**

*Response times measured at 70°F. Longer response times are expected at colder temperatures.

** Not recommended at colder temperatures.

❖ SAR-GEL® BENEFITS

- Fast reaction time! Immediate color change means less time wasted
- No guessing! High-contrast color change from white to deep scarlet is visible even in poor lighting conditions
- Easy to see the water line. SAR-GEL® will not run or fade
- Fast cleanup process

❖ EASY ORDERING

- Visit our website at www.sar-gel.com to place an online order and pay by credit card
- Call 610-363-4100 to order over the phone with credit terms
- For full pricing details and quantity discounts, refer to www.sar-gel.com

❖ PACKAGING OPTIONS

- Box — contains 12 x 1-ounce tubes
- Case — contains 12 boxes (144 x 1-ounce tubes)

❖ LEAD TIME

- Typical lead time is 1–2 weeks upon order placement

❖ STORAGE AND HANDLING

- Store SAR-GEL® in a dry environment at room temperature.
- Replace the cap as quickly as possible after each use. Once the seal is broken, the paste will gradually absorb moisture from the air and turn from faint pink to deeper pink to eventually scarlet.

Even if the paste turns a deeper pink, it will still serve its function if the user can see a clear differentiation between the water-contacted area and the starting color of the paste. If the user is in doubt, we recommend adding a drop of water to the applied paste as a reference for the intensity of the scarlet color that water-contacted paste will generate.

❖ BIODIESEL - EXAMPLE OF INTENDED USE

- SAR-GEL detects free water that forms a separate layer on the bottom of tanks. SAR-GEL® will not detect dissolved water. Using biodiesel as an example, a tank of biodiesel is saturated with 900 ppm water and has a 3-inch layer of free water at the bottom. Place a dipstick with the bottom 12 inches covered with a line of SAR-GEL® paste into the tank touching the bottom of the tank. Wait 10 seconds, and then remove the dipstick. The bottom 3 inches of the SAR-GEL® paste will turn bright scarlet. The rest of the line of SAR-GEL® paste will remain unchanged. The SAR-GEL® will not detect the 900 ppm of dissolved water in the biodiesel.



Please visit www.sar-gel.com for more information.

OUR GLOBAL ORGANIZATION

Americas

-  **HQ** Exton, PA
-  **R&D** Exton, PA
-  **3DP Center of Excellence** Exton, PA
-  **Plant** West Chester, PA
-  **Plant** Chatham, VA

Asia


-  **HQ** Hong Kong, S.A.R CN
-  **R&D** Guangzhou, CN
-  **R&D** Yokohama, JP
-  **Plant** Nansha, CN

EMEA


-  **HQ** Colombes, FR
-  **R&D** Verneuil-en-Halatte, FR
-  **Plant** Villers-Saint-Paul, FR


 **Global capability with local support and expertise**


OUR COMMITMENTS


 Make Sartomer one of the safest companies in the world

 Reduce waste

 **SARBIO** Use renewable resources as much as possible

 Shrink our environmental footprint

 Lower energy and water consumption

 Develop openness and dialogue with stakeholders

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It is the sole responsibility of the manufacturer of the medical device to determine the suitability (including biocompatibility) of all raw materials, products and components, including any medical grade Arkema products, in order to ensure that the final end-use product is safe for its end use; performs or functions as intended; and complies with all applicable legal and regulatory requirements (FDA or other national drug agencies) It is the sole responsibility of the manufacturer of the medical device to conduct all necessary tests and inspections and to evaluate the medical device under actual end-use requirements and to adequately advise and warn purchasers, users, and/or learned intermediaries (such as physicians) of pertinent risks and fulfill any postmarket surveillance obligations.

Any decision regarding the appropriateness of a particular Arkema material in a particular medical device should be based on the judgment of the manufacturer, seller, the competent authority, and the treating physician.

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