

Smoke Testing Questions You Never Thought To Ask

bottom manhole outlet to this side outlet, allowing the user to easily blow smoke into a pipe, culvert, chamber, or nearly anything. Like all of our liquid-based blowers, this model can also be used with smoke candles instead of fluid.

This Superior® 30-L Smoke Blower has a large 5 horsepower engine, which combined with its 10-blade propeller, puts out a tremendous 4,300 cubic feet of dry smoke per minute for larger systems where more smoke is required. The Smoke Fluid System here is the same as on our other blower models, but has an even greater output.



Is there any way to test laterals and commercial or residential building plumbing as well?

The smaller, light weight Superior® 5-E Blower is used for smaller jobs, such as finding odors, leaks and other faults in commercial and

residential building plumbing, and laterals. Simple to use, and economical to buy, this versatile smoke blower requires no maintenance, is durable yet light-weight, and will last for years. This electric-powered 5-E is designed to work with the 1A and 2B Superior Smoke Candles, and comes with this industrial-strength 8 foot flexible hose.



For over 60 years, Superior Signal Company has been an industry leader committed to helping reduce wet weather peak flows and the sanitary sewer overflows they cause. Our complete line of quality products facilitate smoke testing of sanitary sewer lines, laterals and building plumbing to quickly and easily find all sources of surface water inflow, and many other faults. For more information on smoke testing and our complete product line, please visit our website at: SuperiorSignal.com/PEN

Circle 61 on Card or <http://pen.hotims.com/65835-61>

Bionetix® Biosurf Uses Nature to Clean Oil Spills on its Own Surf and Turf!

Biosurf is a new biosurfactant treatment from Bionetix® International designed to help naturally clean up the thousands of oil spills that happen annually! It offers high dispersing power and acts as a strong biostimulant to promote hydrocarbon degradation.



Biosurf is an excellent alternative to synthetic surfactants and dispersants commonly used to disperse oil slicks. Surfactants work by breaking oil apart into smaller droplets that are more accessible to natural biodegradation processes. However, their safety is questioned. In contrast, Biosurf is a non-toxic biosurfactant extracted from plants and fortified with micronutrients that speed up natural biodegradation.

Spraying dispersants is sometimes the only method for removing floating oil that endangers aquatic life and sensitive shorelines. While natural wave action eventually breaks and disperses the layer of oil on the sea surface, the use of Biosurf speeds up the process in a more sustainable manner than synthetic dispersants. Synthetic dispersants may remain on the sea floor and bio-accumulate into the food chain, but biosurfactants are themselves biodegradable and break down into harmless by-products.

Biosurf contains an all-natural Rhamnolipid dispersant that can be sprayed on oil slicks or on spills on soil or hard surfaces. It can be used to disperse oil on beaches, rocks, and sea walls, and is especially effective when combined with BCP 35S, which contains organisms that degrade a wide range of hydrocarbons. Old oil spills weathered by rain and other environmental factors raise special difficulties by

sequestering hydrocarbon contaminants in the deep pores of soil particles, making them less bioavailable to natural microorganisms. Biosurf safely and naturally increases the bioavailability of these aging spills for enhanced cleanup.

Biotreatment with Biosurf can:

- Help disperse surface oil slicks
- Reduce shoreline hydrocarbon deposits
- Disperse submerged crude oil spills
- Help make hydrocarbons bioavailable to microorganisms for biodegradation
- Provide micronutrients to speed up biodegradation



Whether for soil, slick, or shoreline, the natural power of Biosurf is an important tool to more swiftly and safely disperse oil spills. Biosurf uses nature to clean its own surf and turf!

To learn more about Bionetix® innovative products, please visit: www.bionetix-international.com • 800/426-7832

Bionetix® International produces biological waste treatment products that are used in thousands of field applications worldwide. The Biological Series of products—among the earliest products introduced by Bionetix Canada – can be found in countless food preparation and processing locations in the United States, Europe, South America, and Asia. ortec® Corporation. ISO 9001:2000 Certified.

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified. www.cortecvci.com

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