

# ACT Clean Technologies Releases Technology Specs for Green Chemical Solution to BP Oil Spill Remediation



May 10, 2010 - New Orleans, Louisiana - PRNewswire-FirstCall -- ACT Clean Technologies, Inc. (Stock Symbol: [ACLH](#), Web Site: [www.ACTCleanTech.com](http://www.ACTCleanTech.com)) has released specifications of the Company's environmentally safe, EPA approved solution for their patented fluids designed as a cost effective and environmentally friendly method to efficiently remove oil sludge from water and ship's hulls.

Russell Kidder, CEO of ACT, explained the Company's core product,

**"Our water-based, green fluid solution causes the separation of oil from hard surfaces, allowing the oil and sludge to be quickly and economically removed, without the concern of chemical residues present in the methods that are currently being used to treat oil spills, sludge removal and oil waste."**

"This process will allow us to remove oil from hulls with much greater efficiency and lower cost than other technology available today, and even allows the recovery of oil which may then be resold and improve the overall economics of the process."

## Specifications

The APS fluidizer is a patented water-based technology that provides for separation of oil from any solid surface such as soil, sand, tank interiors, and equipment. Unlike soap and surfactants, which form tight emulsion between oil and water, the fluidizer allows oil to be rejected by the solid surface, rendering a clean surface and recoverable oil.

In the case of contaminated soils or tank bottom sludge, the fluidizer is applied under high shear conditions to form a slurry. This slurry is then pumped to a settling vessel where the solids, are separated, dropped by gravity to the bottom of the settling vessel, and the oil floats to the top of the water-based fluidizer layer, for recovery. The fluidizer is then recycled for later use.

## Cost Benefits

Our fluidizer's approach to liquefying, and removing solidified crude oil sludge, offers significant cost savings and added value, when compared to standard industry methods.

**Our fluidizer technology only increases the total volume of the waste material by approximately 15%-25% of the original volume as compared to a 300% plus increase generated by standard methods.**

Our fluidizer allows waste oil sludge to be processed at the clean-up site, reclaiming the viable oil for further refining, or use as a valuable salable product instead of a costly hazardous waste.

## About ACT Clean Technologies, Inc.

ACT Clean Technologies, Inc. is committed to both a safer environment through cleaner technologies as well as more profitable methods of oil recovery and production from oil sands and other petroleum reserves.

Current APS clients using its technologies have already included some of the largest oil and gas companies

in the US, including:

**Conoco Phillips, Exxon Mobil, Avon Petroleum, Valero Petroleum,  
BP (British Petroleum) and the US Navy Petroleum Reserve**

Their wholly owned subsidiary, American Petroleum Solutions, Inc. provides oil field and heavy construction remediation services for projects complicated by environmental, regulatory, and other issues. Our experience ranges from soil remediation to complex, petroleum services related projects throughout North America.

Founded by engineering professionals with environmental construction and remediation engineering backgrounds, APS provides our clients the benefit of a combination of practical solutions and technical experience in working with hazardous substances that are unique to the construction and remediation industry.

The senior management of the company has past major project experience including: Mobil Oil's Torrance Refinery, Southern California Gas Company, Southern California Edison Company and the Long Beach Unified School District.

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