



# ARC Regain AC™

## Product Data Sheet

Delivering Tomorrow's Fluid Technologies Today

### Description

Micro-solution Additive for Workover fluids.

**ARC Regain AC™** is a patent pending, biodegradable, thermodynamically stable micro-solution (clear mixture of solvent, co-solvent and surfactant) designed specifically for use with acid remediation fluids. **ARC Regain AC™** enhances the acid penetration, optimizing acid spend, flow back from and clean-up of the reservoir. **ARC Regain AC™** is compatible with 10 – 15 % HCl remediating fluids.

### Properties

Form:	Liquid	Chemical Family:	Proprietary
Color:	Clear to Opaque	Solubility:	Water and Brines
Odor:	Citrus	Wt. per Gal.:	7.837 lbs.
Charge:	Nonionic	Flash Point:	77° F

### Application

**ARC Regain AC™** is an acid remediation fluid enhancer.

When drilling fluid damage, scale accumulation, or reservoir characteristics drive the need for acid treating of your reservoir **ARC Regain AC™** is the treatment enhancer of choice. **ARC Regain AC™** provides multiple phase interfacial tension reduction by more than 50 % between all fluids, solids and semi-solids encountered as it penetrates the reservoir. By relieving the hindrance of multiple phase interfacial tension between the treating fluid products, damage and reservoir penetration of the acid is faster and more complete providing a better spend. This translates into:

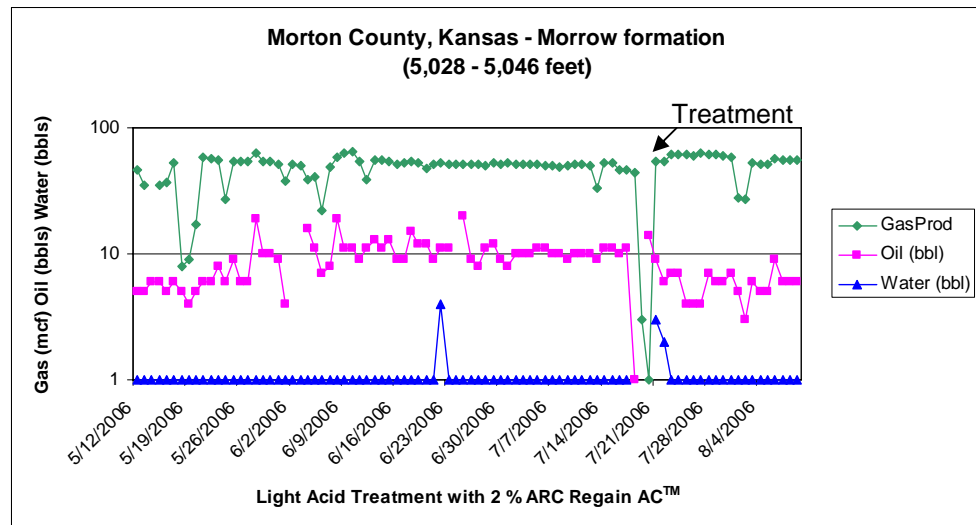
- improved utility of acid remediating fluids through,
  - faster penetration,
  - deeper penetration,
  - more efficient spend,
- enhanced substrate release from the reservoir,
- fast clean-up due to reduced flow back pressures,
- and a regain of production as ideal permeability to hydrocarbons is reestablished within the reservoir.

## Case History

ARC Regain AC™ improves penetration and flow back.

The following are remediation results on a well that incurred formation water influxes as a result of casing leaks from rod wear. Upon pulling the down hole tools scale build-up was noticed driving the HCl acid treatment. Please note the post treatment water productions as the wells cleaned up and production is reestablished.

**15 % HCl with 2 % ARC Regain remediation fluid on a gas and oil well:**



ARC Regain AC™ is typically used at 2.0 % by volume in remediation fluid treatments. This can vary depending upon the history of the well. With this in mind ARC would prefer to review your wells history and provide a treating suggestion as an effort to achieve your wells best performance potential.

## Compatibility

ARC Regain AC™ is generally compatible . . .

ARC Regain AC™ is generally compatible with cationic, anionic and amphoteric additives. A compatibility test is advised before use with other surfactants.

## Handling and Storage

\* Refer to Material Safety Data Sheet . . .

Keep drum tightly sealed to avoid contamination. ARC Regain AC™ may cause eye, skin and respiratory tract irritation by contact with the liquid or vapors. Do not breathe vapors, especially in confined areas. Use with adequate ventilation. Recommend use of splash goggles and rubber gloves. Refer to the Material Safety Data Sheet for more detailed information.

## Packaging

Specialty packaging is available . . .

**ARC Regain AC™** is available in 5 gal. pails, 55 gal. poly drums, 320 gal. bulk tanks, or bulk transport loads.

## Questions & Answers

ARC Fluid Technologies, LLC “Offering You Tomorrow’s Solutions Today”

If you would like to know more about the ARC Micro-solution Technologies and how they can improve your well performance please contact us at:

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***No claim of personal safety is intended nor implied by the use of the name Safe in this product. Personnel handling this material should read and follow all safety and handling procedures set forth on the Material Safety Data Sheet.***