



# ARC S™

## Product Data Sheet

Delivering Tomorrow's Fluid Technologies Today

### Description

A primary Aphronizer for waterbase aphron systems.

**ARC S™** is a novel, water base mud conditioner whose primary function is the core aphronizer for the waterbase aphron fluid technologies. It has been specifically redesigned for use as an aphron generator. **ARC S™** is compatible with most makeup waters including brines and formates.

### Properties

Form:	Liquid
Color:	Blue
Specific gravity: (H <sub>2</sub> O=1), 25/25°C	1.01
Density:	8.4 lbs. per gal.
Flash point: (PM)	>200° F
pH:	8.5

### Application

**ARC S™** is the primary aphron generator for waterbase aphron systems.

Initial application should consist of 0.75 pound per barrel. Once the system has stabilized additional **ARC S™** should be added until a 12 - 14 % by volume aphron concentration is achieved. **ARC S™** works synergistically with other components of the waterbased aphron fluid technologies to create stable micro-bubbles called aphrons. Waterbase aphron fluid technology fluids have proven under numerous field conditions to minimize fluids invasion.

### Advantages

**ARC S™** is a multi-benefit additive.

- Minimize surface tensions within reservoir capillaries
- Reduce end capillary force
- Optimize reservoir clean up potential
- "Micro-environment" sealing
- Minimally invasive fluids
- No or very low solids content fluids
- Improved Loss Circulation Control
- No differential sticking
- Quality cement bonds
- Optimized well construction costs

## Handling and Storage

\* Refer to Material Safety Data Sheet . . .

Precautions should be taken to keep the product from freezing. Freezing will not affect the performance of the product. If freezing should occur, the product should be allowed to thaw and care should be taken to make sure the product is well mixed before use.

See the Material Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.

## Packaging

Specialty packaging is available . . .

ARC S™ is packaged in 5 gallon (18.9 liter) non-returnable pails.

## Questions & Answers

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

If you would like to know more about the ARC Aphron Fluid Technologies and how it 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.***