



ARC A™

Product Data Sheet

Delivering Tomorrow's Fluid Technologies Today

Description

Aphron shell structure enhancer

ARC A™ is a co-associating surfactant package for enhancing the shells structure of aphrons used in waterbase aphron fluid technologies. When used in conjunction with **ARC S™** and **ARC B™** the resultant aphrons show significant resistance to compression as well as improved sealing performance when compared to our first generation aphrons built with **ARC S™** alone.

Properties

Form:	Liquid
Color:	Yellow
Specific Gravity:	1.06 SG
pH (in water):	7 - 8
Solubility:	Soluble

Application

ARC A™ is designed for whole circulating system treatments.

Initial treatment of waterbase aphron fluid technologies with **ARC A™** is typically with 0.5 pounds per barrel. Once the system has stabilized additional **ARC A™** should be added at a 1.0 : 0.5 pounds per barrel ratio (**ARC S™** to **ARC A™**) until a 12 - 14 % by volume aphron concentration is achieved in the circulating system.

Advantages

ARC A™ is specifically designed to enhance aphron performance.

- Minimize surface tensions within reservoir capillaries
- Reduce end capillary force
- Optimize reservoir clean up potential
- Enhanced "Micro-environment" sealing performance
- Minimally invasive fluids
- No or very low solids content fluids
- 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 A™ 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.