



ARC PC™

Product Data Sheet

Delivering Tomorrow's Fluid Technologies Today

Description

A primary ARC V-2™ waterbase aphron system additive.

ARC PC™ is a blend of stabilizers and synergistic agents designed to promote aphron stability in the **ARC V-2™** waterbase aphron fluid system. When combined with **ARC V-2™** in fresh water, brines, or formates and upon addition of the aphron building additives **ARC G™**, **ARC S™**, **ARC A™**, **ARC B™** and **ARC P™** a highly stable aphron fluid results. The fluid exhibits high Brookfield readings while minimizing Fann readings in the high shear ranges. This produces a drilling, workover and completion fluid with excellent suspension and hole cleaning properties yet provides low equivalent circulating densities. It is not affected by most drilling contaminants and exhibits no excessive gelation. When combined with **ARC V-2™** it forms the base stabilizing fluid for this waterbase aphron fluid technologies system.

Properties

Form:	Dry powder
Color:	Light Tan
Specific gravity:	1.6
pH (1% in water):	Not determined
Solubility:	Soluble/dispersible in water
Bulk density:	Compacted 61.95 , Uncompacted 39.03 lbs per ft ³

Application

ARC PC™ use provides excellent aphron stability.

Combining the aphron sealing and stability attributes of enhanced aphrons with the rheology features of this waterbase aphron fluid technologies system enables us to deliver an ideal drilling, workover and completion fluid for permeable and micro-fractured zones. The sealing efficiency, LSRV and low ECD properties make this a fluid of choice for high angle and horizontal applications; particularly in areas where tight drill windows are present.

ARC PC™ is recommended in concentrations of 2.0 to 10.0 pounds per barrel for optimum performance in most drilling fluid applications.

ARC PC™ is readily dispersible and can be added directly to the drilling fluid through a mud hopper.

Advantages

ARC PC™ is a multi-benefit additive.

- Prevents formation invasion and losses,
- Enhances formation clean-up,
- Mitigates the potential for differential sticking.

Handling and Storage

* Refer to Material Safety Data Sheet . . .

ARC PC™ is an environmentally safe dry powder. See the Material Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.

Packaging

Specialty packaging is available . . .

ARC PC™ is packaged in a special 50 lb plastic lined bag designed to protect the product from moisture.

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.