



# ARC I™

## Product Data Sheet

**Delivering Tomorrow's Fluid Technologies Today**

### Description

**Aphron stabilizing additive**

**ARC I™** is a system stabilizer for the waterbase aphron fluid technologies.

### Properties

Form:	Powder
Color:	Brown
Specific Gravity:	0.8 SG
Bulk Density:	Compacted 30.0; uncompactd 18.9 lbs. per ft <sup>3</sup>
pH (5% in water):	6.8
Solubility:	Highly soluble; insoluble in oils

### Application

**ARC I™ is an aphron structure enhancer.**

**ARC I™** is a specialty additive designed to improve aphron structure stability and decrease low-shear-rate-viscosity thermal degradation. It can be added as a dry powder directly through a mud hopper and is commonly used at concentrations of 2.0 pounds per barrel.

### Advantages

**ARC I™ is multi-functional Aphron technologies additive.**

- Waterbase aphron fluid technologies performance optimization
- Aphron structure enhancement
- Waterbase aphron fluid thermal stabilization
- Enhanced aphron fluid rheology profile (shear thinning versus LSRV performance)

## Handling and Storage

\* Refer to Material Safety Data Sheet . . .

**ARC I™** is highly hygroscopic. It will pick up moisture from the atmosphere readily if precautions are not taken to keep the product containers closed. If moisture is allowed to contact **ARC I™**, the product will react with the moisture and harden into a solid block.

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

## Packaging

Specialty packaging is available . . .

**ARC I™** is packaged in special 50 lb plastic lined multi-ply bags designed to keep the product moisture free.

## 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.***