



ARC II™

Product Data Sheet

Delivering Tomorrow's Fluid Technologies Today

Description

Aphron system pH control additive.

ARC II™ is a non caustic pH control additive for the waterbase aphron fluid technologies.

Properties

Form:	Powder
Color:	White
Bulk Density:	3.5 – 3.6 lbs. per ft ³
pH (saturated solution):	About 10.0
Solubility:	Slightly soluble

Application

ARC II™ is an aphron system stabilizer.

Initial treatment of the waterbase aphron fluids with **ARC II™** is typically with 0.5 pounds per barrel. Once the waterbase aphron fluid system has stabilized further addition of **ARC II™** may be required to adjust the pH between 10.0 and 10.3.

As with all waterbase drilling fluids it is advised that pH monitoring be accomplished with a properly calibrated pH meter. This is particularly so with the **ARC V-1™** waterbase aphron fluid systems since it has a highly buffered pH.

Advantages

ARC II™ is a rheological enhancer and system thermal stabilizer.

- Waterbase aphron fluid technologies systems performance optimization
- Enhanced waterbase aphron fluid systems rheology profile (shear thinning versus LSRV performance)

Handling and Storage

* Refer to Material Safety Data Sheet . . .

ARC II™ 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 II™**, 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 II™ 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 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.