



Product Data Sheet

Product Description

Product Name:	ProFlush OBD-P
Chemical Name:	Cementing pre-flush
Company Name:	ARC Products Inc
Address:	4010 La Reunion Parkway Suite 160 Dallas, TX 75212
Telephone Number:	(214) 638-2468

Product Applications

ProFlush OBD-P is a powdered pre-flush that was designed to simultaneously wet formation surfaces and help remove oil based drilling muds as preparation for the next step of the cementing process. WBD-P disperses quickly into water and does not clump or gel, causing no problems during pumping.

ProFlush OBD-P is pumped ahead of the cement to separate it from oil based drilling muds. When pumped ahead of the cement ProFlush OBD-P will leave downhole surfaces water wet and remove drilling mud residue, which can result in an improvement in quality of the bond between cement, casing and formation.

ProFlush OBD-P should be compatible with all oil based muds and cement slurries but if uncertain test for compatibility before using the product. ProFlush OBD-P should be compatible with nonionic and anionic compounds.

Typical Properties

Appearance	Tan powder
pH, (neat)	8.0 - 10.0
Density (lbs/ft³)	
Specific gravity	1.70

Storage and Handling

Storage	Make sure that partial bags are tightly sealed because the product is slightly hygroscopic.
Handling	Use appropriate personal protective equipment when working with ProFlush OBD-P. Do not get into eyes, on skin, ingest or inhale dust generated during the use of the product. Try to prevent the generation of dust

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during use of the product. Make sure that proper ventilation and eye washes/safety showers are present in the immediate work area. Do not flush product into the sewer system.

Product Performance

Using a 10ppg WBM a series of rinse off and compatibility tests were conducted using ProFlush OBD-P:

<u>ProFlush WBD-P, %w/w</u>	<u>Viscosity @ 180°F,</u> <u>cps</u>	<u>Rinse off @ 180°F,</u> <u>%</u>	<u>ProFlush WBD-P, lbs per barrel</u>
3.0	7		
2.5	7.2		
2.0	21		
1.5		92	
1.0		92	

Compatibility and rinse off testing was conducted at a 1:1 ratio of mud to pre-flush solution.