

BA-40™ or BA-40L™ Buffering Agents

BA-40™ and BA-40L™ buffering agents are alkaline, carbonate-based buffering additives that raise the pH of aqueous base gels. They are compatible with the liquid additive equipment usually used in semi-continuous or continuous fracturing operations.

Features

BA-40 buffering agent is typically used at concentrations of 10 to 15 lb/Mgal. BA-40L buffering agent is a 47% active alkaline, water-soluble, moderately caustic solution. It is typically used at a concentration of 2 to 2.5 gal/Mgal.

Benefits

BA-40 and BA-40L buffering agents provide the following benefits:

- Alkalinity of aqueous gel can be readily controlled between pH values 7 to 11.
- BA-40L buffering agent provides a liquid source of alkaline buffering additive.
- Use of liquid metering systems allows convenient addition of BA-40L buffering agent on-the-fly for pH control in real time.

BA-40™ Buffering Agent—Product Specifications

Part No.	516.00410	Bulk Density	82 lb/ft ³
Form	White solid granules	Packaging	50-lb bag (local purchase)
Specific Gravity	2.43		

BA-40L™ Buffering Agent—Product Specifications

Part No.	100003720	Boiling Point	266°F (130°C)
Form	Hazy, colored liquid	Pour Point	8°F (-13°C)
Specific Gravity	1.496	Packaging	55-gal drum
Bulk Density	12.46 lb/gal		

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