

Buffers

Guar based stimulation gels and complex polymer fluids are sensitive to pH change. A buffer is used to adjust and control pH of stimulation fluids. It is crucial during the mixing phases of dispersion and hydration of some polymers, they require specific pH conditions.

In addition, buffers are used to optimize the performance of crosslinked fluids at different temperatures and at different loadings. Buffers, added to the aqueous phase before mixing, adjust the base fluid pH to achieve stable treatment fluid with the desired characteristics and predictable performance.

Select from our range of chemistry, high pH buffers to optimize your gel performance:



Product	Activity	Chemistry
SHI-011BB-L	30%	Sodium Hydroxide
SHI-015BB	4-5%	Potassium Hydroxide
SHI-016BB	45-50%	Potassium Carbonate
SHI-017BB	5-25%	Potassium carbonate/potassium Hydroxide
SHI-012BB	<100%	Sodium Carbonate
SHI-013BB	<100%	Sodium Bicarbonate



Sunita Hydrocolloids Inc.
1776 York Town Street, Suite 130
Houston, Texas 77056
Phone +1 832 581 2156
Website: www.shinc.us

This information is provided with the best of our knowledge and belief. It is user's responsibility to satisfy himself as to the suitability of such information for his own particular use. However, no representation, warranty or guarantee is made as to its accuracy, reliability. We do not accept liability for any loss or damage that may occur from the used of this information nor do we offer any warranty against any patent infringement.