

LBF-21 pH Buffer

41160-003

General Information:

LBF-21 is a caustic solution used as a pH buffer. It is useful in concentrations of pH in the range of 10-11.5, depending on BHST.

Physical Properties:

Density 12.2 lbs/gal.
Solubility in Water Soluble in cold water
Appearance Colorless liquid
Odor None
Freeze Point <20°F
pH 14

Chemical Description:

LBF-21 is a caustic solution and contains potassium hydroxide.

LBF-21 is corrosive to skin and very dangerous in case of eye contact. Proper PPE is essential: read the MSDS before use.

Recommended Uses:

Concentrations should be adjusted to reach a pH range of 10-11.5 depending on BHST. Concentrations are typically between 1 and 1.5gpt.

Packaging:

LBF-21 is obtainable in 55 gallon poly drums, 275 gallon poly totes and Bulk storage.

DOT Information:

CORROSIVE LIQUID, N.O.S., (CONTAINS POTASSIUM HYDROXIDE), 8, UN 1760, PG II.



June 21, 2008

Fracturing – Buffers

Page 1

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information.

Liberty Pressure Pumping, L.P., 1517 Centre Place Drive #320, Denton, TX 76205, 940-243-1120

