

PRODUCT BULLETIN



2K7 WATER SOLUBLE PAKS

OVERVIEW

2K7 Water Soluble Paks (WSP) is a solid end use 2-Bromo-2-nitropropane-1,3-diol (BNPD) product used to control microbial contamination. It is a non-ionic, balanced, broad-spectrum biocide.

APPLICATIONS

Microbial Control – Water-based industrial processes and oil and gas fluids encounter issues with microbial contamination and require biocide treatment. 2K7 Water Soluble Paks are tailored for batch applications (including addition into Frac, Saddle, Buffer, and Settling tanks), with a wide range of industrial applications.

PHYSICAL PROPERTIES

2K7 Water Soluble Paks	
Appearance	White to off-white solid packaged in a clear water-soluble bag. The water-soluble bag is contained in a protective outer bag that is removed just prior to application.
Specific Gravity	1.22-1.91
Density	1.2-1.9 g/mL (10.01-15.86 lbs/Gal)
Solubility	Water soluble packaging dissolves in 44 Seconds at 20 °C (68 °F). Package contents are water soluble to 280 g/L (2.34 lbs/Gal)
Ionic Charge	Non-ionic
pH	5.0-7.0 (1% w/w Solution)

STORAGE

- Keep product in original outer bag until time of use.



FEATURES AND BENEFITS

- Broad spectrum, non-selective antimicrobial chemistry
- Non-ionic, highly compatible with other industrial chemicals
- Balanced efficacy (good balance between speed and length of protection)

RECOMMENDED USE

- Batch applications (including addition into Frac, Saddle, Buffer, and Settling tanks).
- 2K7 Water Soluble Paks are a registered biocide, please refer to product label for approved directions for use

PACKAGING

- 2K7 Water Soluble Paks are available as boxes of 25 x 1Kg (2.2 lbs) bags in North America.