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Technical Data Sheet

GENERAL INFORMATION

ECONO PHOS is a white, odorless powder composed of 100% sodium polyphosphate (CAS# 68915-31-1). It is designed for professional use as an additive in water-based drilling fluids to enhance fluid performance.

PRODUCT APPLICATION

ECONO PHOS is used to reduce viscosity and improve flow properties in water-based drilling fluids. It aids in the suspension of solids, reduces pump pressure, and enhances drilling efficiency. ECONO PHOS is suitable for various drilling applications, including horizontal drilling, multilateral wells, and well clean-out operations.

PHYSICAL PROPERTIES

Appearance: White powder
Odor: Odorless
Specific Gravity: 1.25
Solubility: Soluble in water
Stability: Stable under normal conditions

RECOMMENDED DOSAGES

Drilling Fluid	Function	gpt	lb/bbl
Water-based fluid	Viscosity reduction Solids	0.5-2.0	0.2-0.7
Bentonite-based fluid	suspension Viscosity reduction	0.5-2.0	0.2-0.7
	Pump pressure reduction	0.3-1.5	0.1-0.5
		0.3-1.5	0.1-0.5

STORAGE

ECONO PHOS should be stored in a cool, dry place with containers tightly closed to prevent moisture absorption. Protect from direct sunlight to maintain product integrity.

PACKAGING

ECONO PHOS is available in 50-pound bags, 1000-pound super sacks, or bulk.

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