



Oil Well Productivity

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OIL AND GAS INDUSTRY

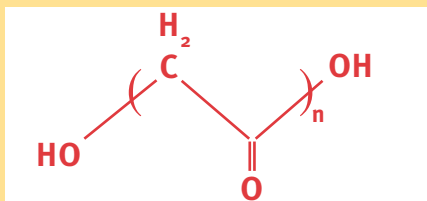


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DuPont™ Polyglycolic Acid (PGA) TLF 6267 Oil and Gas Application

TLF 6267, Polyglycolic Acid is a crystalline polyester with a molecular weight of approximately 600.

Structure:



PGA Properties:

- Appearance: finely ground tan powder.
- Melting Point: 200 - 210F.
- Density: 1.58 g. per cc. (lump form).
- Particle Size: 20 micron average.
- Toxicity: Oral ALD: >11,000mg/kg in rats.
- Solubility: insoluble in water and organic solvents.
- Readily dispersible in water.

Features

- Insoluble Polymer prepared to specific particle size.
- Hydrolyses predictably to free acid monomers.

Oilfield Chemical Placement Process

PGA used as a time release agent for corrosion inhibitors, dispersants, decomposition inhibitors for lubricants in moving equipment in the wellbore and other channels of the formation.

Time Delayed Gel Breaker

Temporary Plugging Agent

Diverting Agent

Ensures uniform injection of treatment area by creating a temporary blocking agent by reducing permeability of subterranean formations.

Completion Fluid / Fluid Loss additive

Added to an inert fluid used in the casing – tubing annulus to dissolve scale and prevent corrosion.

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