

# MaxWell™ 250

## Performance Technology for Cleaner Drilling

### Product Description

**Maxwell 250** is an environmentally friendly, non-damaging, next generation drilling fluid technology which can be used in a wide variety of drilling and completion applications.

When used in fresh water or a variety of brines, **Maxwell 250** forms the basis of a high-performance water-based drilling fluid. The Maxwell 250 provides a highly shear thinning fluid, with both fluid loss control and shale encapsulation via its unique membrane forming characteristics.

**Maxwell 250** is a unique polymer product that can build its own solids-free filter cake, forming a tight, effective micro membrane across the formation which acts like a screen to prevent drilled solids from being deposit into formation, and effectively stabilize and protect the formation.

**Maxwell 250** enhances drilling performance - significantly improving hole cleaning, ECD management and borehole stability, while optimizing reservoir protection.

### Recommended Treatment

Slowly and uniformly mix **Maxwell 250** into water/brine using a high-shear venturi or colloidal mixer and continue to agitate/ circulate until Maxwell 250 is fully dispersed.

### Depending on application add at:

1.0 – 2.5 lb per barrel, or 3.0 – 7.0 kg per cubic meter. *Refer to innospec SDS for health and safety guidance before handling and mixing*

### Functions

- Exceptionally shear thinning
- Tight filter cake and solids free fluid loss control
- Shale encapsulation
- Non-progressive gel strength
- Reservoir protection
- Readily dispersible and easy to mix in fresh water or a range of saturated brines
- Temperature stable
- Chemically stable in the presence of a range of typical oil field contaminants
- Compatible with a wide range of oil field chemicals and minerals
- Effectively recycled through fine shaker screens
- Environmentally friendly



Typical Properties	
Appearance	Solid, Off-white powder
Odor	Odorless
Density	0.32 to 0.481 g/cm3
Specific Gravity	1.5

## Handling and Storage

### Product Handling & Storage Information

Refer to the Safety Data Sheet (SDS) for detailed safety and disposal information.

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## About Innospec Oilfield Services (OFS)

An integral part of Innospec (NASDAQ: IOSP), Innospec Oilfield Services (OFS) is headquartered in Englewood, Colorado. The company's presence in North America is a highly focused one: Delivering the best possible chemical technologies and superior efficiencies along with the superior level of service vital to support drilling, completions, and production projects in all major U.S. oil and gas basins.

Founded in 1938, Innospec Inc. has evolved into a leading international specialty chemicals company with approximately 2,000 employees operating in 24 countries. Innospec has major regional centers in the U.S., UK and Singapore, with production plants located in countries including the U.S., UK, France, Italy, Germany, Spain, and the Philippines.

Innospec manufactures and supplies a wide range of specialty chemicals to markets in the Americas, Europe, the Middle East, Africa, and Asia-Pacific. In addition to designing, formulating, and producing oilfield chemicals for drilling, completions, and production applications, the company's other business segments are Fuel Specialties and Performance Chemicals.