



DRILLING FLUID PRODUCTS

TECHNICAL INFORMATION

IM-LOSE™ Modified Starch

Fluid Loss Control Aid for Water Based Drilling Fluids

IM-LOSE is a modified and non-fermenting pre-gelatinized starch based additive for reducing fluid loss in a variety of water based drilling mud. **IM-LOSE ECO** exceeds API and OCMA specifications for drilling starch.

Product Specifications:

Property	Specification
Bulk Density (kg/m ³)	550 – 650
pH	7.5 – 9.5
Solubility in Water	Complete in water of any temperature
Bio-degradability	Complete
Appearance	Off-white granular powder

Functions:

IM-LOSE has the following functions:

- Reduces the filtration rate of the fluid with minimal effect to the fluid rheology.
- Effective in both weighted and low solids mud over a wide pH range.
- Coats and encapsulates cuttings and solids in the drilling fluid, thereby inhibiting the swelling and disintegration of water sensitive solids.
- Improves the character and consistency of wall cake, thereby reducing the potential for stuck pipe.
- Maintains performance at down-hole temperatures up to 250 deg F.

Recommended Treatment:

Concentrations in the range of 1.0 - 4.0 bbl are recommended to control drilling mud properties. The quantity used would be dependent on the drilling fluid system, drilling depth and equipment.

Packaging:

Packaged in 25 kg multi-wall paper sacks and in HDPE big bags.

Legislation and Handling Recommendations:

Not restricted by any regulatory agency. Refer to the Material Safety Data Sheet (MSDS) for the product prior to use.