



STARFIX

NON-FERMENTING HYDROCOLLOID

DESCRIPTION

STARFIX is a modified hydrocolloid polymer (modified non-fermenting starch) which is resistant to bacterial degradation and stable in water-base fluid systems at temperatures up to 250° F/121° C. Messina's product is available in both potato and corn-based forms, depending on the customer's specific requirements. The product is in the form of a fine, off-white powder. Its typical properties are listed below:

Description	Non-fermenting starch with biocide.
Appearance	Off-white, free-flowing powder
Performance	This product fully complies with API Spec. 13A, Sect. 11

APPLICATION

STARFIX is primarily a filtration-reducing additive (Fluid Loss Control Agent) for waterbase drilling fluids, ranging in salinity from fresh to saturated.

Other functions and properties of STARFIX include:

- Aids flocculation and separation of drilled solids.
- Forms a protective colloidal film on drilled cuttings and on the wellbore, improving mud performance and hole stability.
- Aids development of a thin, slick wall cake.

RECOMMENDED TREATMENT

Normally in range of 2 to 8 ppb (6 to 23 kg/m^3), depending upon fluid type and performance desired. 3 to 4 ppb (9 to 12 kg/m^3) is typical. Please consult a Messina Technical Service representative for specific recommendations.

PACKAGING

STARFIX is packaged in 50 lb or 25 kg net export bags.

STARFIX is a Messina trademark