

Clay Stabilizer KHF002

1. Introduction

The clay stabilizer KHF002 is used to prepare the salt water for mixing fracturing fluids. The additive can also stabilize the clays in the formation during fracturing and flowback operations.

2. Physical Properties and Hazards

Additives	Form	S.G.	Water Solubility	Health Hazard	Physical Hazard	pH
KHF002	White crystals	1.88-2.08	Soluble	Eyes, skin	None	6.0-8.0 (2 wt.%)

3. Chemical Properties and Application

KHF002 is an inorganic salt. The cations presented in KHF002 aqueous solution will inhibit swelling and dispersing of reactive clays in most sandstone formations.

KHF002 can be used for wide temperature ranges because of its inorganic nature.

KHF002 is compatible with most additives used in guar-based fracturing fluids.

4. Treatment

1-6 wt.% of KHF002 is generally used to prepare the salt water in mixing fracturing fluids.

5. Packaging

KHF002 is supplied in plastic-lined bags with net weight of 25 kg/bag. It should be stored in shaded areas with good ventilation.