

SD27X

SD27X is a non-damaging stimulation and descaling additive that dissolves **barite**, drilling fluid additives, **calcium carbonate** and **sulphate scales** (magnesium, strontium, calcium, and barium sulphate). It is unique in that it works significantly faster at a higher capacity than any competitive products (an order of magnitude faster than other products and with 4 to 6 times the capacity). It is a single phase, alkaline (pH +/-12) chemical that is **noncorrosive, environmentally benign**, and produces no gas or precipitate by-products. It is inorganic, hence has no known temperature limits.



Result with OBM cake: Before (right) and after (left) SD27X treatment for 6 hrs @ 90 °C gave 95% dissolution.

- Dissolves Barite, barium sulphate scale and other sulphate compounds
- Dissolves CaCO₃
- Dissolves clays at 2-4%
- Tends to de-emulsify
- Inhibitive to clays and will shrink and dehydrate clays
- Non-corrosive and environmentally friendly

SD27X works in both oil based and water based mud systems so that it removes oil based and water based mud filter cake in open holes as well as perforations. It removes well bore damage, scale, barite deposits and as a **free pipe pill in stuck pipe situations**. **SD27X** has a specific gravity of 1.31.

SD27X thus is primarily used for stimulation, differentially pressured stuck pipe, and barium sulphate scale. It has even been used in screened wells to dissolve the filter cake behind the screen thus increasing production.

SD27X was **Gold Banded** in the OCNS CEFAS system in the UK, the best environmental rating possible.

SD27X is packaged in 200 liter drums, four to a pallet.

