

Latex Stabilizer KCM018A

1. Introduction

Premature destabilization and “false-set” are sometimes encountered in Flow-off technologies for certain cement brands especially at high temperature. Stabilizer aid KCM018A is therefore developed to mitigate the problems described above.

KCM018A tends to slightly disperse Flow-off slurries mixed in fresh water thus facilitating the turbulent displacement techniques while maintaining proper slurry rheological properties.

2. Physical Properties and Hazards

Additives	Form	S.G.	Water Solubility	Melting/Flash Point (°C)	Health Hazard	Physical Hazard	pH (1% solution)
KCM018A	Clear yellow liquid	1.02-1.12	Soluble	>93	None	None	7-9

3. Chemical Properties and Application

KCM018A is applied in most Flow-off cement slurries to change the interaction mechanisms between latex and cement so that premature destabilization and gelation is minimized. It is effective in wide temperature (65-150°C) and density (10-20 lb/100ft³) ranges.

KCM018A does not affect other cement properties such as thickening time, compressive strength although it performs good latex stabilization and “right-angle set” cement properties.

4. Treatment

0.02-0.25 gal/sack loading is generally required depend on temperature, mixing water and slurry density.

5. Packaging

KCM018A is supplied in 5 gallons high density polyethylene (HDPE) drums.

Keep it away from extreme conditions such as places near flames or direct sunlight.