

## BORON IN DETERGENTS AND SOAP

Detergents and soaps also take a considerable place in the application of borates. Boron is used as a cleaning and bleaching agent. It controls alkalinity of soaps and synthetic detergents, balances active oxygen, softens water, lowers the time and heat of the washing and prevents the corrosion of the metal/machine.



Borates are widely used in cleaning industry for various purposes like germicide and bleaching. Borax decahydrate is added to soaps and detergents because of its water softening and germicide properties. Sodium perborate is added to powder detergents for washing machines as bleaching agent since it is an active oxygen source.