

# Technical Bulletin

## High Molecular Weight Sodium Naphthalene Sulfonate Powder Superplasticizer

Naphthalene Sulfonate Powder is a high range superplasticizer. The product is very compatible with gypsum, cement, and concrete giving excellent ultimate strength.

### Advantages:

Naphthalene Sulfonate Powder is a water soluble polymer and a powerful anionic dispersant for concrete, mortar, grout, gypsum and pigment slurries.

It lowers aqueous viscosities and promotes a uniform dispersion using less water. High solid loadings are possible with smooth, easy flowing characteristics.

Naphthalene Sulfonate Powder, at normal dosages, does not affect air content in concrete, nor will it retard the set time.

Worldwide, Naphthalene Sulfonate powder is the product of choice for concrete and gypsum applications.

### Typical Properties:

Appearance	Light Tan Powder
pH 10% solution	9.0
Solids	92 %
Sulfate level	5 %
Chloride content	< 0.05%

### Dosage Rate:

Dosage rates vary greatly the mix design and mix components. In general dosages can range from 0.2% – 0.8% of weight of cement or gypsum. Trial batches are strongly recommended.

### Packaging, Storage & Handling

Packaged in 25 kg bags, 40 bags to a pallet

Additional handling information is contained in a Safety Data Sheet, which is available upon request.

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