1456 West Lamplighter Lane

North Wales, PA 19454

Phone: 215 283-4655

e-mail: [bheller@hardtchemical.com](mailto:bheller@hardtchemical.com)

web: [www.hardtchemical.com](http://www.hardtchemical.com)



**Technical Bulletin**

**Lignosulfonate Powder**

**Water Reducer**

Lignosulfonate Powder is a purified calcium/sodium lignosulfonate based product used primarily as a dispersant in concrete admixtures.

**Advantages:**

Powder Lignosulfonates are effective dispersants in concrete, mortar, grout, gypsum and pigment slurries. It lowers slurry viscosities and promotes a uniform dispersion using less water.

Lignosulfonate Powder is a cost effective water reducer that works synergistically with other water reducers to product a better concrete/grout/gypsum end product.

Lignosulfonate Powder increases concrete workability especially in hot weather due to a set retarding effect.

**Typical Properties:**

Appearance Brown

pH (3% solution) 6

Solids 94%

**Dosage Rate:**

Dosage rates vary greatly the mix design and mix components. In general dosages can range from 0.5% – 3% of weight of cementious materials. Trial batches are strongly recommended.

**Packaging, Storage & Handling**

Packaged in tankwagons and totes

Keep containers closed and away from excessive heat.

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