



TDS- Sodium Lignosulphonate

Product Description

Molecular formula: $C_{20}H_{24}CaO_{10}S_2$

Molecular weight: 534.51

CAS NO: 8061-51-6

Sodium Lignosulphonate properties make it suitable for a wide variety of applications in textile dyestuff Concrete admixture, metallurgic engineering, petroleum industry, pesticides Carbon black, Animal feed, and porcelain, etc. This product is a yellow brown free-flowing powder, soluble in water, chemical property stability, long-term sealed storage without decomposition.

Technical Specification:

The quality standards of modified sodium lignosulfonate are as follows:

Property	Value
Appearance	Brown Powder
Solid Content	$\geq 93\%$
Sodium Lignosulphonate Content	45-65%
Water-insoluble Substance	$\leq 0.3\%$
PH value (1% aqueous solution)	7-9
Reducing matters	$< 8\%$
Moisture	$\leq 5.0\%$
Fineness	120 mesh
Calcium	$\leq 0.5\%$

Usage

1. Concrete admixture: Can be used as a water-reducing agent and applicable for normal industrial or civil buildings. It also can be used as air entraining agent, retarder. It can improve the workability of the concrete, and improve project quality. It can inhibit slump loss when used in simmer, and is compounded with superplasticizers.
2. Wettable pesticide filler and emulsified dispersant; adhesive for fertilizer granulation.
3. A dispersant, an adhesive and a water reducing and reinforcing agent for refractory materials and ceramic products, and improve finished product rate by 70 to 90 percent.
4. Sand preventing and dust control agents.
5. A filler and a dispersant for vat dyes and disperse dyes, a diluent for acid dyes and so on.
6. Animal feed binder and additive due to its antimicrobial and preservative properties.

Package

25kg plastic bags with PP liner. Alternative package may be available upon request.

Storage

Shelf-life time is 2 years if kept in cool, dried place. Test should be done after expiration. Keep away from moisture. The product is non-flammable, non-toxic, non-explosive, and can be stored for a long time.

Caution

The product has the characteristic of moisture absorption. It should be stored in a waterproof package. The environment should be kept dry for making porcelain and refractory.