



## Pentagon Chemicals

**(Traders Exim, Manufacturers in Heavy Chemicals, Acids, Dyes, Solvents, Auxiliaries, Minerals)**

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### SPECIFICATION: CALCIUM LIGNOSULPHONATE

Grade 1 TO 3

PRODUCT CODE	GAC-CALS-1	GAC-CALS-2	GAC-CALS-3
Appearance	Light Yellow Powder	Yellow Brown Powder	Yellow Brown Powder
Solubility	98.5%min	98%min	97.5%min
Lignosulphonate	55%min	50%min	50%min
Sulphate	2%min	2%min	2%min
Water Reducing Capacity	12%min	5%min	8%min
Reducing Sugar	7%around	7%around	7%around
Total Calcium and Magnesium	5-8%	5-8%	5-6%
pH	7-9.5	9.0-13.0	4-7
Moisture	7%max	7%max	7%ma

### APPLICATION

Calcium Lignosulphonate could work as a binder of powder and granular materials: for iron ore powder, lead and zinc powder, pulverized coal, coke Toner pressure on the ball; extrusion of cast iron, cast steel sand repression; mud-brick wall and floor tiles molding; mineral aggregate into a ball and provides high strength, good stability, lubrication and mold good results.

Calcium lignosulfonate used as a dispersant in products like fodder, disperse pesticides, dyes, leather tanning, carbon black, and other insoluble solids and liquids into water.

For PENTAGON CHEMICALS

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Authorized Signatory

