

Coal Additive

CS-2001 Coal synergist agent/ desulfurizer

DESCRIPTION CS-2001 is high efficiency coal synergist agent/ desulfurizer. It Can improve greatly coal combustion efficiency and saving coal greatly. And make the smoke concentration, the soot emissions and sulfur dioxide concentration decreases enormously.

TYPE Coal additive

- KEY FEATURES**
- Increase heat efficiency by 13.9-15.1%
 - Can improve greatly coal combustion efficiency and saving 8-18% coal
 - The smoke concentration decreases by 37.2% and the soot emissions decreases by 60%, SO₂ concentration decreases by 23.4% and SO_x emissions decreases by 25%.

CS-2001A

TYPICAL PROPERTIES	Appearance	Black or light green viscous liquid
	Solid content (%)	>20
	Density (g/cm³)	1.35
	pH (10% in dist. water)	6-7
	Water insoluble (%)	<0.5

CS-2001B

Appearance	Brown with green particle
Active content (%)	>99
pH (10% in dist. water)	6-7
Water insoluble (%)	<0.5

- APPLICATION**
- Raw coal
 - Steam boiler, hot water boiler, layer combustion boiler and suspension combustion boiler etc.
 - Coal-fired power plants, coal-fired industrial boilers etc.

STORAGE

AND

HANDLING

- Available in 100 kg/barrel or 50 kg/barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 12 months from delivery date
- According to non-dangerous goods transport

HOW TO USE

- Firstly, diluting 1 pair CS-2001 (1 kg CS-2001A and 2kg CS-2001B) with 200-400kg water (the water dosage is according to the moisture of coal) and stir it till it is dissolved completely.
 - Secondly, spray the solution into 10 ton coal and then mix the solution and coal particle homogenously by turning over.
 - Remark: Make sure the coal particles don't have redundant water flow away.
 - 3. Secondly, keep the treated coals being put aside for 12 hours to make the CS-2001 spread into the coal particle inner.
 - 4. Burning the coal and test its performance.
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