

BETAGARD 9200

Solid Fuel Additif

Description

Betagard 9200 is a multifunctional product formulated to reduce problems associated with the formation of slag, ash and soot deposits in any solid (coal, palm-waste, pulp-waste, etc) fuel-burning systems. BETAGARD 9200 increases the ash fusion temperature of the deposit ash so it will not melt and adhere to the tubes. It also contains combustion catalysts to improve combustion process and help achieve complete combustion of solid fuels. More solid fuels will be burnt in combustion chamber, thus leaves less slag/residue.

Product benefits :

- Reduces slag and soot thus improves heat transfer efficiency
- Increases combustion efficiency hence reduces fuel consumption
- Reduces operator energy and time to clean combustion chamber
- Reduces flue gasses temperature thus prolongs lifetime and protects boiler/calcliner/incinerator from overheating

Properties

Appearance	Red to Brown Powder
pH 1%	7.0 – 9.0
Bulk Density	0.5- 1.5
Solubility	Completely soluble in water

Dosage and Feeding

Initial dosage of BETAGARD 9200 may vary between 80 – 120 gram/ton of solid fuel. If the system has never been treated before and is very dirty, it is recommended to double the dosage for the first three days. Daily dosage should be divided into 3 equal quantities and dosed at 2 – 4 hours interval.

Depend on circumstances; dosage can be reduced to 40 – 60 gram/ton of solid fuel. Once every 24 hours soot blower should be activated at least 60 minutes after the last dosing of BETAGARD 9200.

If the pressure of combustion chamber is negative, BETAGARD 9200 can be dosed directly into the combustion chamber through the solid fuel conveyer. Your Beta Representative will recommend the proper dosage and application to ensure a successful program application.

Handling and storage

BETAGARD 9200 is a neutral powder, not flammable and non-toxic. Use goggles, rubber gloves and gas mask when handling this product. In case of contact with eyes, flush immediately with plenty of water. Keep containers in a cool and dry place.

Packaging

In plastic container with net weight 20 kg.