

**RAKIRO BIOTECH SYSTEMS PVT LTD**

R-466, TTC Industrial Area, MIDC  
Rabale, Navi Mumbai - 400701  
Tel No. +91-022-47804040  
Email :- sales@rakiro.net

**Doc No :** TDSAGN6100  
**Date :** 01-04-2024  
**Type :** UDAAQ  
**Product Code :** AGN6100

**PRODUCT DATA SHEET**> **INFORMATION**

Product Code: AGN6100  
Product Name: Coal Fuel Additive

Application: Fireside Treatment

> **DESCRIPTION**

AGNISOL 6100 Coal Fuel Additive is a free flowing powder, designed primarily for treating coal used as solid fuels. It acts as a combustion catalyst and thereby loss due to unburnt fuel gets minimized, resulting in improved combustion efficiency has an anti-fouling agent that helps to keep heat transfer surfaces clean and thus improves the steam generation for same heat transfer area. It prevents corrosion due to sulphur present in Coal and also helps in combustion. Hard clinker is softened and the tendency of hard clinker formation is reduced, thereby helping in reducing boiler maintenance, while providing easy cleaning and also increases the boiler availability for long term operation. This results in smoke free combustion at lower excess air levels and improved fuel economy.

> **SALIENT FEATURES**

Reduces smoking  
Decrease unburned carbon  
Improves fuel economy  
Improves combustion

Reduces soot  
Prevents Corrosion

&gt;

> **ANALYTICAL DATA**

Appearance : GREEN COLOUR POWDER  
Density : 1.10 - 1.20

> **HANDLING INSTRUCTIONS**

The use of protective Clothing, facemask, safety goggles, shoes and gloves are mandatory. Keep the container away from direct heat & sunlight. Keep the container closed when not in use. The product should not be swallowed and prolonged contact with the skin should be avoided. Should it come in contact with the eyes, flush with clean, cold water and get medical attention.

> **RECOMMENDED DOSAGE**

Start with an initial dosage of 1 kg of fuel additive for 1 tonne of fuel. After a week dosage should be adjusted according to the performance of the additive. If smoke persists, increase by 0.5 kg per tonne of coal for another week. Once smoking reduces, decrease the dose to 0.5 kg per tonne of coal. To get the best performance of the additive, a regular dosage of the additive alongwith addition of coal is to be maintained.