



Soot Remover (Powder)

Part/Order no: **Packing**
RXSOL-70-7005-50 50 Kg

Product Description:

Soot Remover is a dry powder compound formulated for safe removal of soot and deposits from boilers and diesel engine exhaust systems.

Product Properties:

If deposits are allowed to form on heat exchangers, the loss of efficiency can be directly related to extra fuel consumption. A 1 mm deposit is approximately equivalent to a 10% efficiency loss; a 3 mm deposit can reduce efficiency by up to 50%. The normal ignition temperature of soot is around 600°C. This means that it is burned only in the hottest parts of the boiler or diesel exhaust systems. Due to the catalytic action of Soot Remover, the ignition temperature of the soot/deposit is reduced to less than 280°C. The carbon deposits are thus ignited, leaving an easily removed ash. The use of Soot Remover not only provides greater fuel efficiency, but also prevents acid formation in areas where severe corrosion could result in expensive damage, i.e. heat exchangers, super heaters, economizers, exhaust paths/stacks.

Directions for Use and Dose Rates:

Soot Remover should be introduced to the boiler through a suitable port, preferably with a blower, ensuring that the powder is spread through the flame path towards the back of the combustion chamber. For Diesel engines, inject Soot Remover directly into the exhaust system upstream of the area to be treated.

Product Description:

APPEARANCE:	Blue green powder
DENSITY in g/cm3 at 15 °C:	1.2-1.4
FLASH POINT (PMCC) °C:	Not applicable
COMPATIBILITY	1.12
Metal	If moist, may attack mild steel, iron and aluminum
Rubber	No known Effect

Features, Benefits and Applications:

1. Reduces soot and slag deposits.
2. Reduces cold-end corrosion.
3. Improves heat transfer.
4. Increases boiler efficiency.
5. Assists soot blowing.

****Read the Material Safety Data Sheet before using this product****