



# RX MARINE INTERNATIONAL

## Total Solution Total Protection

AN ISO CERTIFIED COMPANY



## Soot Remover (Liquid)

### Part/Order no: Packing

RXSOL-70-7011-25	25 Ltrs
RXSOL-70-7011-210	210 Ltrs

### Product Description:

Soot Remover Liquid is formulated for effective prevention of soot and fire scale deposits from boilers and diesel engine exhaust systems.

### Product Properties:

If fire scale is 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 Liquid, the ignition temperature of the soot/fire scale is reduced to less than 250°C. The carbon deposits are thus ignited, leaving an easily removable ash. The use of Soot Remover Liquid 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 Liquid should be introduced to the boiler through a suitable port, preferably with an injector, ensuring that the liquid is spread through the flame path toward the back of the combustion chamber. For Diesel engines, inject Soot Remover Liquid directly into the exhaust system upstream of the area to be treated.

### Product Description:

APPEARANCE:	Clear blue liquid
pH:	3
Solubility in water:	100 %
DENSITY, g/cm <sup>3</sup> at 15°C:	1.12
FLASH POINT (PMCC) °C:	Not applicable

### Features, Benefits and Applications:

1. For the prevention of soot and fire scale deposits in.
2. Diesel engine and boiler exhaust systems
3. For reduction of cold-end corrosion where surface.
4. Temperatures are lower than the dew point of the exhaust gases.
5. Improves heat transfer.
6. Increases boiler efficiency.
7. Aids soot blowing.

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