



material safety data sheet :

SOOT CLEANER™

DESCRIPTION :

SOOT CLEANER is a highly effective powder compound that acts as a combustion catalyst in order to easily remove soot and ash deposits from surfaces where accumulation exists. Soot accumulation occurs, as a result of the fuel combustion that takes place during the ignition period or the soot blowing operation. **SOOT CLEANER** is applicable to all types of boiler and diesel exhaust systems due to its characteristic action to explode when it enters the combustion flame.

ADVANTAGES AND CHARACTERISTICS :

- Reduces soot and ash deposits at a controlled rate.
- Eliminates the risk of hazardous soot fires.
- Effectively protects steel surfaces against wear off and short life duration caused by ash and soot build up and very high temperatures.
- Reduces the ignition point temperature of soot and fire scale, which results in easy combustion of carbon deposits forming an easily removable dry ash.
- Prevents acid from forming, reducing the risk of corrosion.

PHYSICAL PROPERTIES :

SOOT CLEANER is a dry powder compounded by specific combustion catalysts, formulated to intrude and break fused ash deposits and strong bonded carbonaceous deposits by dislocating the combustion binders due to its explosive action inside the exhaust system.

Appearance/Color : Blue, thin granules powder

Specific gravity : 1.16 - 1.20 gr/cm³ at 20°C

Flash Point : None

APPLICATION AND USE :

A. Dosing Procedure The quantity of **SOOT CLEANER** to be used is suggested at a ratio of 1kg per 400–500m² of surface area on a daily basis. Notice that the above quantity may be altered, depending on the system to be treated, based on particular variations and/or the manufacturer's technical specifications.

B. Cleaning Procedure **SOOT CLEANER** is applicable to many systems such as diesel exhaust gas economizers, fire tube boilers, main boilers, etc. In the case of diesel exhaust economizers, the product is applied upstream, of the area being treated into the exhaust gas system. In the case of boilers, the product is applied from a suitable port point of the system. Make sure that the powder is spread through towards the backside of the combustion chamber.

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SAFETY AND HANDLING:

HANDLING	Handle with care. Store in a dry, cool and well ventilated environment.
SAFETY	IMMEDIATE ACTIONS.
Eye Contact	Avoid Eye contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
Skin Contact	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
Inhalation	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment.
If Swallowed	Avoid ingestion. Otherwise, consume a considerable quantity of water. Do not induce vomiting. Seek medical attention.
GENERAL INSTRUCTIONS	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use

Read the Material Safety Data Sheet before using this product.

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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