

PRODUCT DESCRIPTION

The SF line of sorbent enhancement additives (SEA®) promote gas phase and catalytic mercury oxidation and enhance capture of mercury on the sorbent as a part of the ME₂C® “Total Mercury Control” Program. This solid or liquid based reagent quickly begins to react with Hg in the boiler and flue gas to oxidize and capture Hg (*up to 99+% Hg oxidation*). The ME₂C Technology program is covered under several U.S. patents.



SF solid products can be shipped via bulk trailer deliveries. SF liquid products can be shipped via bulk containers.

BENEFITS

- Very low dosage rates.
- Designed to work with SB sorbents for effective oxidation and capture of Hg.
- Designed to work with scrubber reemissions additives for effective oxidation and capture of Hg.
- Gypsum and fly ash quality maintained.
- Application equipment is simple to operate, low cost and easily maintained.

PROPERTIES

- Solid powder or aqueous solution
- Easily handled and stored

APPLICATION

- Used to promote oxidation of elemental mercury.
- Coal-fired plants with any type of emissions control configuration and fuel type.
- SF SEAs can be added directly to the coal belt or injected directly into the furnace or flue gas at multiple locations.

PRODUCTS

SF10: Solid (Powder-Based)

SF20: Liquid (Solution-Based)

Related Products:

SB Sorbents: Sorbents for Hg Capture

SA2: Scrubber Reemission Additive