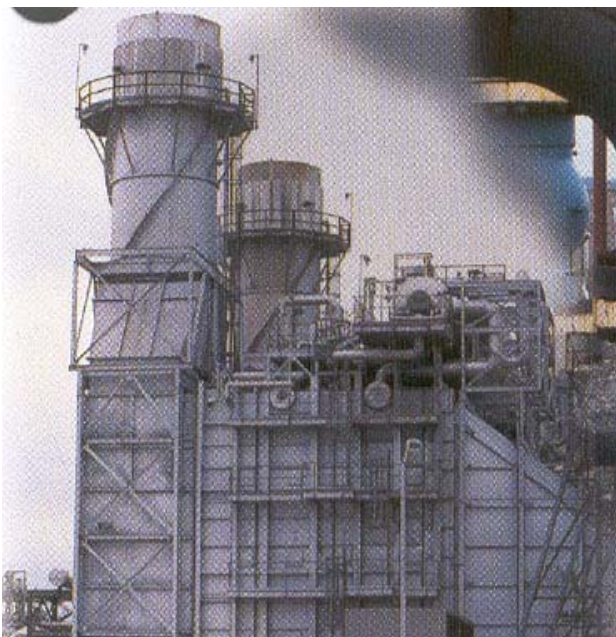


VpCI® FORMULATED PRODUCTS FOR PROCESS INDUSTRIES



gas oil  
brine

## S-10 F Boiler Additive



### PRODUCT DESCRIPTION

S-10 F is a non-toxic "green" filming corrosion inhibitor for boiler condensate. This inhibitor is effective against corrosion caused by carbon dioxide and oxygen. S-10 F is very useful in facilities where safety concerns limit the concentration of amines allowed in steam lines. The active ingredient of S-10 F is the sodium salt of fatty amino acids.

S-10 F provides excellent corrosion inhibition. It is resistant to oxidation and has high salt tolerance. Benchtop laboratory tests show outstanding film persistency and stability in a wide temperature range. S-10 F is compatible with the majority of ingredients used in boiler and condensate line treatment programs. S-10 F outperforms other "green" condensates due to its stability, ability to form a thin protective layer without sticky deposits and fouling problems.

S-10 F is biodegradable and has a very low level of acute oral toxicity on mammals.

### FEATURES

- Economical
- Compatible with most other products for water treatment
- High efficiency against corrosion caused by carbon dioxide and oxygen
- Thermally stable and stable to hydrolysis
- Can be used as continuous and/or batch treatment

### TYPICAL PROPERTIES

Appearance	Slightly hazy
pH	7-8 (Neat)
Non-volatile Content	25-35%
Density	8.5-8.7 lb/gal (1.02-1.04 kg/l)

### DOSAGE

S-10 F should be added directly to condensate lines as continuous or batch treatment. As continuous treatment, S-10 F should be added at a concentration level of 10-30 ppm (depending on oxygen and CO<sub>2</sub> content).

As a batch treatment, a concentration up to 500 ppm should be maintained. The duration of cycles depends on the conditions of the condensate line.

### PACKAGING AND STORAGE

S-10 F is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid totes and bulk. The shelf life is up to 24 months.

**FOR INDUSTRIAL USE ONLY**  
**KEEP OUT OF REACH OF CHILDREN**  
**KEEP CONTAINER TIGHTLY CLOSED**  
**NOT FOR INTERNAL CONSUMPTION**  
**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

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