

DESCRIPTION

AMEROYAL CF/HG concentrated evaporator treatment is a concentrated liquid formulation of polymers and antifoam developed specifically to prevent scale deposition and carryover in high temperature, high production multi-stage evaporators.

AMEROYAL CF/HG treatment significantly reduces the amount of acid cleaning required to maintain design distillate production. It has been tested and certified by NSF International, the widely recognized and respected independent certification organization for public health safety. AMEROYAL CF/HG is manufactured in NSF-approved plants and is certified to NSF/ANSI/CAN Standard 60, Drinking Water Treatment Chemical Health Effects to a maximum use level of 20 ppm.



Certified to
NSF/ANSI/CAN 60

APPLICATION & USE

When seawater is treated with AMEROYAL CF/HG evaporator treatment, the polymers prevent the scale forming minerals in the water from precipitating crystal growths in their normal manner. The scale forming crystal patterns are altered so that they cannot adhere tightly to themselves or the metal surfaces and cannot impede heat transfer. The detached solids are held in suspension and ultimately carried out of the evaporator with the overboard discharge brine.

AMEROYAL CF/HG concentrated evaporator treatment should be diluted with fresh or seawater and fed continuously to the evaporator feed line by means of the DREW™ Beta Metering System (PCN 1AA8978) or the DREW™ Gravity Metering System (PCN 1AA8977).

The recommended dosage rate is 15 mL per ton of distilled water produced per day based on the rated capacity at normal operating temperature and brine density. If the brine density is increased, the dosage should be increased proportionately.

FEATURES

- Blend of polymers
- Contains an antifoam
- Certified to NSF/ANSI/CAN Standard 60, Drinking Water Treatment Chemical-Health Effects

TYPICAL PHYSICAL PROPERTIES

Appearance:	Straw yellow liquid
pH (undiluted):	13
Specific Gravity (@ 25° C):	1.13
Flash Point:	None
Freeze Point (undiluted):	-5°C to 5°C

NOTE: Always wear the appropriate personal protective equipment when using this product.

EVAPORATOR DOSAGE CHART

Rated Capacity (Tons)	Liters
5	0.08
10	0.15
25	0.38
50	0.75
100	1.50
200	3.00
300	4.50

PACKAGING

AMEROYAL CF/HG concentrated evaporator treatment is available in 25-liter (PCN 0026402) and 200-liter (PCN 0026428) containers.

IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

BENEFITS

- Prevents scale and minimizes acid cleaning in high temperature evaporators
- Can remove existing scale, thereby reducing the need for acid cleaning
- Minimizes foaming and carryover
- Safe to use as an evaporative distillation antiscalant



Contact your Drew Marine representative for more information



Drew Marine®

400 Captain Neville Drive
Waterbury, CT 06705 USA
1-973-526-5700
Drew-Marine.com

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