

LIQIVAP

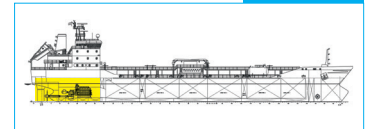
Evaporators Foaming and Scale Formation Preventer

Technical Information

PHYSICAL DATA

Appearance:	Yellow liquid
Specific gravity:	1,15 at 20°C
pH in 1% solution in water:	7,8
Flash Point:	Non flammable product
Corrosive action:	Ferrous metals: none Light metal alloys: none Plastic: none

USAGE AREAS



DESCRIPTION

Liquid compound containing synthetic polymers, sequestering agents and de-foaming agents.

APPLICATIONS

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- For use with both high and low pressure evaporators to help:
- Prevent scale formation
- Prevent foaming

ADVANTAGES

- Safe to use with evaporators where distillate is used for drinking purposes.
- Maintains evaporator efficiency and production at maximum levels.
- Controls scale formation and helps prevent the need for acid descaling.
- Reduces formation and carryover of foam into the distillate.
- Contains no phosphates.
- Non detrimental to distillate purity.
- Concentrated product
- Economical in use.

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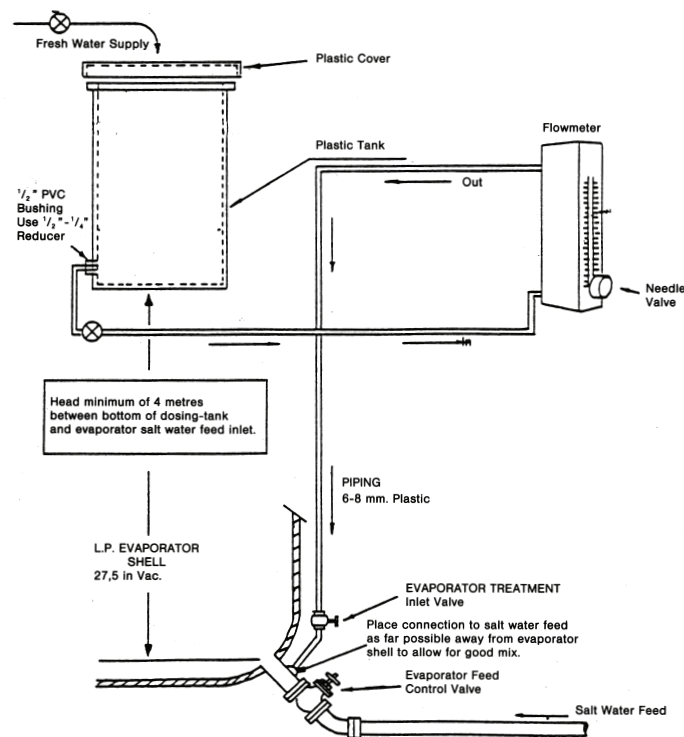
DIRECTION FOR USE - PRODUCT DOSE

- LIQIVAP should be diluted in freshwater and fed continuously to the evaporator feed water line, or directly to the evaporator shell using a recommended dosing system consisting of dosing tank with flowmeter and suitable eductor, or a metering pump system.
- Normal dosage rate is recommended to be 25 ml. LIQIVAP per tonn. of distillate production, based on evaporator rated capacity e.g. For a 40 tonn. per day evaporator, 1 ltr. of LIQIVAP should be used daily.
- Solution strength and feed rates should be calculated to give required dosage through continuous feeding.

Note:

1. Brine density should not exceed 1.5/32 (specific gravity: 1.038). Scaling potential rapidly increases at higher brine densities.
2. Prior to starting treatment it is recommended to remove any existing evaporator scale. DESCALING POWDER or LIQUID is recommended for this use.

DOSING EQUIPMENT FOR EVAPORATOR TREATMENT AND OTHER SPECIFIED PRODUCTS



IMPORTANT NOTICE

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