



PRODUCT DATA

PD 140

Information for the desalination industry

AQUARIGHT ZV - M8

Antifoam for use in sea water

AQUARIGHT ZV-M8 is a liquid treatment for the prevention of foaming in seawater distillation plants. The product is a formulation containing ethylene oxide / propylene oxide copolymers and a small amount of isopropanol.

AQUARIGHT ZV-M8 has the following features :

- The activity of the product is not affected by temperature.
- It has negligible steam volatility.
- Its effectiveness has been proved during many years use in distillation plants throughout the world.
- It is effective at low dose levels (0.05 ppm – 0.1 ppm).

Typical Properties

The following are typical properties and should not be regarded as specification limits. Because AQUARIGHT ZV – M8 is produced by a batch process there may be slight variations from these values.

Appearance	Colorless
Odor	Slight
pH	5.5
(1% aqueous emulsion)	
Specific gravity at 20/20°C	0.99
Flash point (closed cup)	38°C
Solubility	not soluble in water but forms an emulsion at high dilutions in water (e.g. 1% w/w)

Guidelines for the use of AQUARIGHT ZV - M8 in seawater distillation plants.

AQUARIGHT ZV - M8 can be dosed as an aqueous emulsion but the maximum recommended concentration in water should not be greater than 1% w/w.

Where possible the emulsion should be stirred regularly to avoid separation.

If appropriately sized dosing equipment is available, a 0,5% w/w emulsion of AQUARIGHT ZV – M8 should be prepared to achieve the optimum control over the use of the product.

AQUARIGHT ZV – M8 is not soluble in the Belgard range of antiscalants, and separate dosing equipment is recommended.

AQUARIGHT ZV – M8 is considered to present no known hazards under normal conditions of use.

AQUARIGHT ZV – M8 is trade mark of PT ZEFA VALINDO JAYA.

A product specification is available on request.

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