

Thermal Desalination

Sustainable technologies for global desalination processes

BWA Thermal Solutions have been providing sustainable technologies for desalination processes since 1973. Belgard® polymers and Belite® antifoam continue to be the global products of choice for the successful treatment of Multi Stage Flash (MSF) and Multi Effect Distillation (MED) systems in preventing scale deposition and fouling.

Antiscalants: Belgard® technology provides optimum operational conditions by maintaining clean surfaces through exceptional scale inhibition.

Antifoam: Belite® is proven technology for foam prevention in the thermal distillation process.

Fouling Factor Software: An online reporting tool for KPI monitoring that enables troubleshooting on plant performance.

Our wide selection of chemistry can be tailored for any treatment scenario.
Learn more at www.wateradditives.com



Antiscalant and Antifoulant Range

Product	Description	Distillation Process	Approval	Product Effective Against				
				CaCO ₃	Mg(OH) ₂	CaSO ₄	Silt/Clay Suspended Solid	Metals Al/Cu/Fe
Belgard® EV2030	Premium product, a neutralized antiscalant/antifoulant for use in MSF units operating at high temperature.	MSF	Potable NSF					
Belgard® EV2035	Premium product, antiscalant/antifoulant for use in MSF units operating at high temperature (TBT).	MSF	Potable NSF					
Belgard® EV2050	Premium product, antiscalant/antifoulant for use in MED units.	MED	Potable NSF					
Belgard® EV/EVN	Antiscalant for use in MSF.	MSF	Potable NSF					

Antifoam Range

Product	Description	Distillation Process	Approval	Product Effective Against			
				Wettability	Silt/Clay Suspended Solid**	Organic Matter**	Surfactants**
Belite® M8	Highly effective antifoam for seawater distillation plants.	MSF / MED	Potable NSF FDA				
Belite® AF10	Newly developed antifoam for seawater distillation plants.	MSF / MED	Potable NSF FDA				

** Antifoam activity is related to main contaminants in seawater causing foaming

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