

# ATLANTIC WATER TECHNOLOGY LTD

## PRODUCT INFORMATION

### A-583

**GENERAL DESCRIPTION** : A-583 is based on a polymeric cationic compound and is used to control algae, bacteria and fungi in water systems. It is also a clarifying agent.

**USES** : A-583 provides an economical highly effective bio-control agent for open and closed cooling circuits. With a low toxicity and being a non-foamer A-583 is also most suitable for the treatment of ornamental ponds, fountains and swimming pools where, apart from keeping these clean of algae, bacteria and other organisms, it will also impart a sparkle to the water.

**COMPATIBILITY** : A-583 is compatible with all components normally used in water circuits at the dosages recommended. A583 is also compatible at recommended levels with all other ATLANTIC WATER TECHNOLOGY cooling water products. It is not advisable to use A-583 in the presence of high doses of anionic compounds.

**APPLICATION DATA** : Dosage will be related to site conditions and to the bio-fouling potential concerned. Normally a concentration of between 20 and 40 ppm is required in open cooling circuits with the product shot-dosed into the pond. 40 ppm is the usual dose for closed circuits and levels of between 10 and 20 ppm are suitable by shot-dose to fountains, ponds and to swimming pools. A-583 is approved for swimming pool use by the U.K. Department of Environment. Should a dosage pump be required then either metal or plastic components are suitable.

<b>TECHNICAL DATA</b>	Appearance	:	Pale yellow liquid
	Specific gravity	:	1.04
	pH as supplied	:	5.5-6.0
	Flash point	:	non-flammable
	Packaging	:	25 and 200 liter containers
	Transportation	:	non-hazardous

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## HEALTH & SAFETY INFORMATION

A-583 concentrate (as supplied)

## POTENTIAL HAZARDS

Will cause nausea if large amounts are ingested.  
May cause eye irritation.

## HANDLING AND STORAGE

Avoid contact with eyes.  
Avoid extremes of temperature.  
Replace cap securely after use.  
Recommended storage limit-2 years.

## PROTECTIVE EQUIPMENT

Wear gloves and eye/face protection.

## SPILL PROCEDURES

Flush to drain with plenty of water.  
Observe local disposal regulations.

## FIRST AID

EYES	:	Rinse immediately with plenty of water for at least 10 minutes and seek medical Advice.
SKIN	:	Rinse immediately with plenty of soap and water.
INGESTION	:	Wash out mouth thoroughly and drink plenty of water. An emetic may be taken.

OTHER INFORMATION: A-583 is classified as non hazardous.