AquaSan

VERSUS

CHLORINE

HOW THESE TWO ESTABLISHED POOL AND SPA BIOCIDES COMPARE

AquaSan	Chlorine
0.6ppm AquaSan kills 99.99% of coronavirus in less than 5 minutes	3ppm chlorine kills 99.99% of coronavirus in 15 minutes
AquaSan does not react if accidentally mixed with acid	Chlorine produces a dangerous reaction when accidentally mixed with acid
Public Health England pool test data shows the average P. aeruginosa failure rate in an AquaSan pool is 4.1%	Public Health England pool test data shows the average P. aeruginosa failure rate in a chlorine pool is 8%
AquaSan pool and spa water has zero trihalomethanes	A chlorine pool can struggle to keep trihalomethanes below the BPR safe maximum of 50 ug/L
AquaSan does not meet the performance targets of 1ppm of chlorine set out in OECD 170 as required for recognition by PWTAG	1ppm of chlorine does not meet the performance targets of 1ppm of chlorine set out in OECD 170 as required for recognition by PWTAG
AquaSan pool and spa water has no smell or taste; the water and atmosphere are not corrosive	Chlorine pools suffer corrosion and hazardous DBPs create unpleasant and dangerous odours
AquaSan is a non hazardous chemical manufactured in the UK with a sustainable supply chain	Chlorine is a hazardous chemical with a substantial environmental impact

AquaSan has been used by leading hotels and health clubs for over a decade	Chlorine is not seen as the premium option for discerning operators or users
Public Health England pool test data shows the average coliforms failure rate in an AquaSan pool is 1.3%	Public Health England pool test data shows the average coliforms failure rate in an chlorine pool is 4.2%
AquaSan is classed as an irritant and is safe to handle, ship and store	Chlorine is a hazardous chemical with strict handling, shipping and storage requirements
All AquaSan's unique active ingredients are awaiting authorisation under BPR and then product approval will be sought; the domestic version, with one less active, already has BPR product approval	Chlorine's active ingredients were authorised in Jan 2019 under BPR. Efficacy and safety testing of pool products continues with no chlorine pool biocide product approvals yet granted
AquaSan's active ingredient submission includes it's use against Legionella in a pool or spa	Chlorine's active ingredient submission did not include it's use against Legionella in a pool or spa
AquaSan is an established pool biocide that is non hazardous, safe to use and presents no health risks to bathers either in use or as a result of disinfectant by-products	Chlorine is an established pool biocide that is hazardous, high risk to use and presents health risks to bathers both in use and as result of disinfectant by-products
AquaSan does not react if accidentally mixed with acid	Chlorine produces a dangerous reaction if accidentally mixed with acid
AquaSan usage is typically 10-20L per month and we collect the empties	Empty chlorine drums can be difficult to dispose of