

A simple guide to the Fluid Science

Biodegradable
surface disinfectant

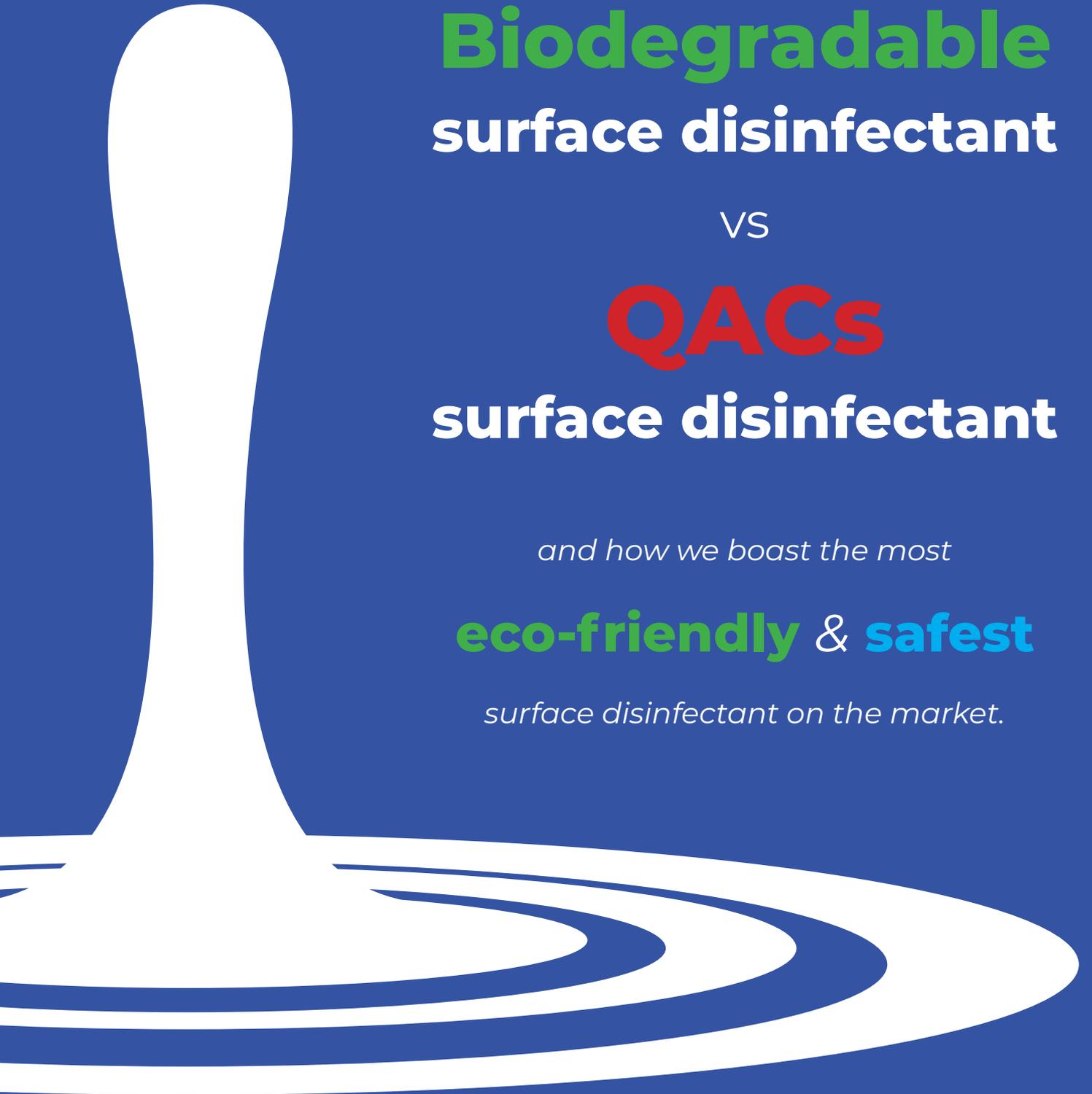
VS

QACs
surface disinfectant

and how we boast the most

eco-friendly & **safest**

surface disinfectant on the market.



What the **QAC?!**

Quaternary Ammonium Compounds (QACs) represent a biocidal product included in several cleaning products.

QACs are a type of chemical used in a variety of cleaning products to kill bacteria, viruses and mould. They are primarily used in products such as disinfectants and antiseptics. They have played a role over the years in combatting the spread of harmful pathogens.

However...

There has been a surge in literature that informs us of an emergence in resistance to QACs (Morrison et al., 2019), placing their presumed effectiveness in question.

A recent scientific paper stated...

“common quaternary ammonium compounds (QACs), is ubiquitous in soaps and cleaning wipes as well as hospital sanitation kits. The viewpoint aims to highlight the outdated and incongruous data in the evaluation of BAC against the family of known coronaviruses and points to the need for further evaluation of the efficacy of QACs against coronaviruses.”

(Schrank et al., 2020)

In contrast, our product is...

Free of QACs

Biodegradable

Safer for operators

and contain natural ingredients and essential oil

QACs



Outdated, questionable data on eradication effectiveness



Respiratory irritant



Acute toxicity including aqua and marine life



Charged particles rendering ions highly capable of denature



QACs are charged particles which can stick to cloths limiting their efficacy



Likely to be **BANNED**. Many pharma projects to remove QACs



our product

Most up to date test, confirming 99.99% kill rate against COVID-19

No respiratory issues

Biodegradable solution meaning no toxicity concerns

Neutral solution, which therefore means no ionic concerns

More natural product is more effective when using cleaning equipment

FUTURE PROOF. All natural ingredients & cutting edge tech

Laboratory approved.

Our disinfectant products are fully laboratory tested and passed the EN 14476 concluding it is effective to 99.99% vs SARSCoV-2.



Eco-Friendly.
Biodegradable.
Future Proof.

