

# CONTROLLING CORONAVIRUS USING FOAMSTREAM

**weedingtech**  
Herbicide-Free Weed Control, Redefined.

## Foamstream Kills 99.99% of Coronavirus particles within 10 seconds\*

\* Foamstream has been certified under EN 16777:2018. The tests were carried out under dirty conditions by Blutest Laboratories Ltd, a Glasgow based, internationally recognised expert in virus testing.



Foamstream has an important role to play fighting the coronavirus. Firstly, it helps local municipalities and other landowners decontaminate public places, so they are safer for people to use and enjoy. As lockdown restrictions ease, and as people are increasingly able to enjoy public places again, it is vital they are safe for people to be in. Foamstream helps by destroying coronavirus particles preventing their transmission.

Secondly, many businesses in the hospitality, sports & fitness industries, for example, are unable to open due to concerns about coronavirus. As a result, many companies are going out of business and experiencing challenging times. By controlling coronavirus, Foamstream helps businesses re-open their doors sooner, and keep them open, improving their chances of survival, assisting the global recovery.

Foamstream is a breakthrough technology. It is significantly faster and easier to use than many of the current manual sanitisation practices, like disinfectants. It's approved for organic use, and it's non-toxic, making it the first viable, green solution for use to make public places safer.

### WHY SHOULD YOU USE FOAMSTREAM?

Feature	Benefit
● It's fast	Foamstream kills 99.99% of Coronavirus particles within 10 seconds. You can treat up to 540m <sup>2</sup> / 5800sq.ft an hour.
● It's safe	Foamstream is approved for organic use and is completely non -toxic. That's why you can use it around people, animals and it won't harm the environment.
● It works on clean and dirty surfaces	Foamstream's dual-action process means it cleans and sanitises at the same time, meaning you can work much faster than when using disinfectants, where cleaning is often required to be done first.

**Foamstream**  
Clean



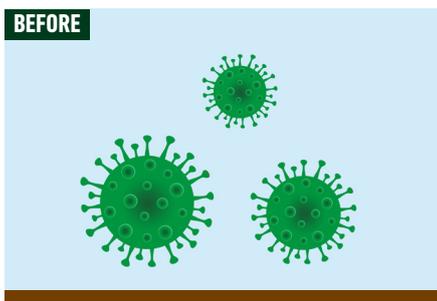
Feature	Benefit
● It's low pressure	We treat at ambient pressure which avoids the kind of damage often associated with pressure and power washers.
● It's applied below boiling point	We treat below boiling point which avoids de-plasticisation of EPDM rubber, making it suitable for use on the majority of other artificial surfaces.
● It's simple to use and safe to apply	Operators can get to work very quickly and save time and inconvenience by not having to cordon off areas pre, during or post treatment.
● It's suitable for use on all surfaces	The simplicity of the Foamstream process makes it incredibly versatile which is why it can be used on a wide range of surfaces and facilities.
● Is it EPA/Health Canada/EU/HSE approved?	No it isn't, because it doesn't need to be. Used alone, our foam will not kill any virus particles, so it falls outside the scope of requiring approval. It's only when the foam is used with our machinery and hot water that virus particles will be destroyed. However, our device and methodology is registered with these agencies, meaning Foamstream can be used without restriction. This is comparable to UV light technologies, which are also registered but will not be found on the approved list of technologies.

According to the U.S. Environmental Protection Agency (EPA):

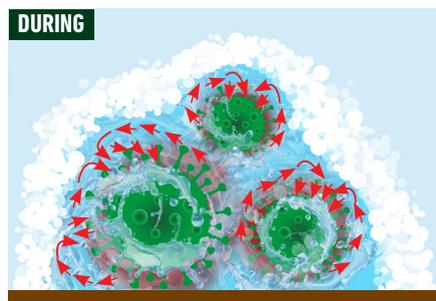
**"Clean first before you disinfect. Germs can hide underneath dirt and other material on surfaces where they are not affected by the disinfectant. Dirt and organic material can also reduce the germ-killing ability of some disinfectants."**

## HOW FOAMSTREAM WORKS

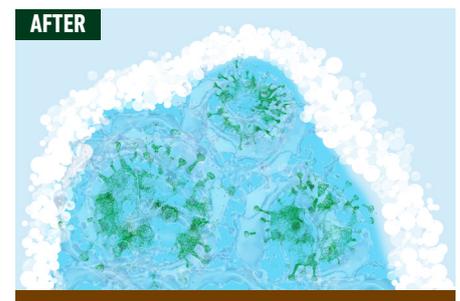
1. Foamstream kills Coronavirus using a combination of hot water insulated by a biodegradable foam.
2. Foamstream flows from the lance at 98°C / 208°F. The heat in the hot water is trapped on the virus by the foam blanket, preventing the heat from escaping to the atmosphere. (See 'during' picture below middle.)
3. Coronavirus particles begin to breakdown when subjected to heat upwards of 56°C / 133°F. The higher the temperature the faster the kill rate.
4. The Foamstream blanket retains the heat so effectively that it kills 99.99% of particles within 10 seconds. (See 'after' picture below right).



Live Coronavirus particles



Foamstream is applied - the particles start to heat up



10 seconds later - 99.99% of particles are destroyed

For more information on how Foamstream works - [click here](#).

## WHY **FOAMSTREAM** KILLS CORONAVIRUS FASTER THAN OTHER SOLUTIONS

Foamstream is a form of wet heat. Water carries more heat than air and as such wet heat energy is one of the most effective forms of energy transfer.

Unlike other wet methods such as steam, which can form droplets, Foamstream is a single body of wet heat increasing the effectiveness of its energy transfer.

As a result, wet heat methods like Foamstream transfer heat energy much more efficiently than dry heat sources, such as electricity. Added to this, the wet heat is trapped over the viral particle by the insulating foam blanket for an extended period of time, leading to one of the fastest, most effective treatments of Coronavirus.

## AREAS THAT CAN BE TREATED WITH **FOAMSTREAM**

Below is a selection of areas particularly well suited for treatment with Foamstream.



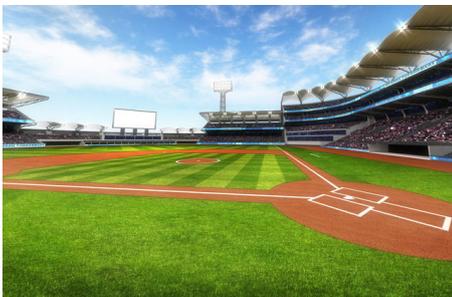
**HOSPITALS**



**CAMPING SITES**



**PARKS AND PLAYGROUNDS**



**SPORTS STADIUMS & FACILITIES**



**EDUCATIONAL FACILITIES AND CAMPUSES**



**THEME PARKS**

For more information on controlling Coronavirus, to find out more about how Foamstream can be implemented in your organisation, or to book a virtual demonstration of Foamstream, get **in touch** today.

*"Foamstream has been a lifesaver. It has meant that we can completely remove chemicals from our city."*

*Roger Museau, Parks Coordinator, City of North Miami. Florida, USA*

*"Foamstream's multi-functionality is great. Not only can we use it for weed control but importantly for cleaning and sanitizing play equipment in the playgrounds."*

*Nick Boffemmyer, Senior Groundsman, Minisink Central Valley District. New York, USA*

