

GOGONANO™
Nanotechnology made simple

ANTI-VIRAL

Universal cleaner

✓ ANTI-VIRAL

✓ ANTI-BACTERIAL



The Corona Challenge

In light of recent events, Gogonano has currently adapted its core activities as a green chemistry & technology provider to offer support during the collective Corona challenge. Our focus remains with our core values of positive impact on people & the environment.

Our mission is to provide products & technology to reduce and/or replace toxic disinfectant chemicals and support people in reducing the infection rates. With the intent to save lives and coinsiding friendly to our planet.

It has been tested on viruses according to the **EN 14776 norm standards with a performance of 99,9% + efficiency**

The Gogonano Anti-viral & -bacterial Eco-spray has been proven effective against different harmful viruses & bacteria. Covid-19 can survive for days on various surfaces. Therefore, disinfecting and cleaning is of utmost importance.

The product is specifically designed to perform this task. The Gogonano Anti-viral ecocleaner is composed of lactic acid, which is a natural biocidal active ingredient, along with a surfactant mix that facilitates deep cleaning to enhance its performance for removing dirt, bacteria & viruses.

EN 14776 Test at 5 minutes contact time (log 5 pass requirement)

Lactic Acid % + Surfactant %	H. simp-lex 1	HIV	Hepatitis B	Noro	Rhino
3% lactic Acid, 1.5% SLS, pH 3	> Log4	> Log4	> Log3	> Log4	> Log4
3% Lactic acid, 1% SLS, pH 5	> Log4	> Log4	> Log3	> Log4	> Log4



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Eco-friendly disinfectant based on Lactic acid

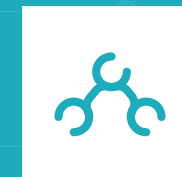
Most of the currently used disinfectant cleaners only work against bacteria & negatively impact the environment. They are known to be toxic & release fumes in the air that are harmful for our lungs. Examples are: **quaternium ammonium compounds (qac's), bleaches & chlorides...** Known & widely used brands are javel & dettol. These are cheap but often dangerous and not always efficient against viruses. Using **Gogonano anti-viral cleaner** combines the best of both worlds, using an eco-friendly & safe product based on lactic acid and maintaining the best performance. Lactic acid is a by-product produced of fermentation & a renewable resource.

Hazard	Lactic Acid	QAC	PHMB
Human Toxicity	Non-Toxic	Very Toxic	Very Toxic
Environmental Toxicity	Non-Toxic	Very Toxic	Very Toxic
Biodegradability	Readily Biodegradable (>60% 20 days)	Not readily biodegradable	Not readily biodegradable
Skin Irritant	Skin irritant	Skin burns	Skin irritant
Sensitization	Non-sensitizer	Non-sensitizer	sensitizer
Carcinogenicity	Non-carcinogenic	No data, though not suspected.	Suspected Carcinogen
Minimum Inhibitory Concentration (MIC)	> 0.6% w/w	> 0.1 – 0.2 % w/w	> 0.1 – 0.2 % w/w



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Fast action anti-viral properties

Most available products take 5-10 minutes to work on viruses, leaving the possibility that not everything will be removed.

Furthermore, a high volume of the product is needed to work effectively, which limits its use & increases toxic side-effects.

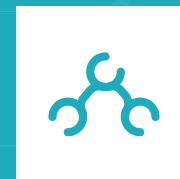
Our Anti-viral eco cleaner has been tested and proven to work immediately. It removes all viruses within one minute after applied.

We believe investing in a more effective and ecological solution is necessary to ensure prevention of diseases combined with safety for our environment and people's health.

Properties of our spray

- ✓ Made with renewable resources
- ✓ Bio-degradable
- ✓ Works immediately after treatment
- ✓ Removes bacteria and viruses
- ✓ Leaves no toxic traces
- ✓ Disinfects different surfaces like plastic, stainless steel, paper, cardboard, glass, metal, textiles,...

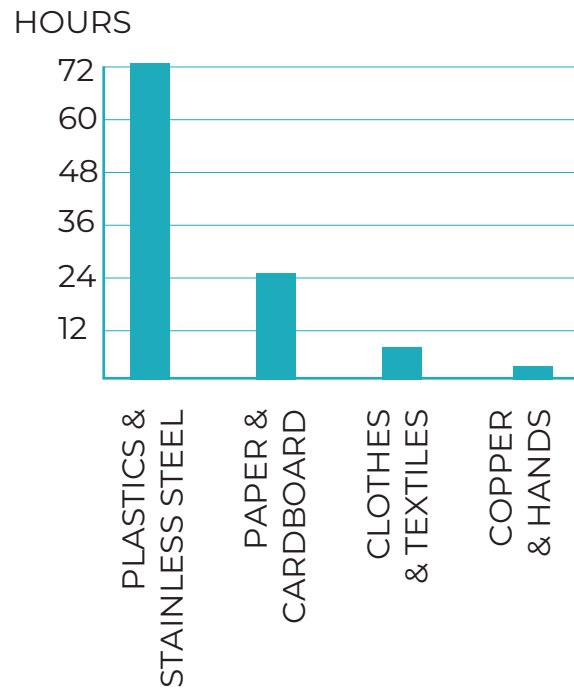
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Why should we disinfect & clean places or areas where people eat, stay or frequently visit?

Because the virus can survive for many hours and infect others, who touch contaminated areas.



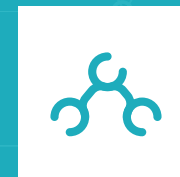
Our product is highly efficient for use at

- 🏠 homes
- 🚗 public transport
- 🏥 hospitals
- ✈️ airports
- 🍴 restaurants / kitchens
- 👕 spray-on for clothing

Our product can be used as a multifunctional cleaner for any purpose you feel necessary. You can help save lives with precautionary actions.

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