

REDO® Surface Disinfection – with the „Power of Six Active Agents“



- ✓ Highly efficient
- ✓ Broadband disinfection with 6 active agents
- ✓ Easy and safe to use
- ✓ For frequently touched, inanimate surfaces
- ✓ Free of alcohol – not flammable

Surface Disinfection to Prevent the Spread of Coronavirus

Many countries have responded to the coronavirus outbreak by enforcing a lockdown to break the chain of infection and reduce its spread. However, if you have a vital service or business that has to keep functioning, it's essential to take every precaution to protect the people who use your premises, including your employees, visitors and members of the public. The same applies for private households.

Coronavirus (COVID-19) is a highly infectious disease, rapidly spreading from China to over 200 countries and territories over the last months. With no vaccine or specific treatment, the main advice to prevent COVID-19 is to practise stringent hygiene measures.

This includes cleaning and disinfecting surfaces and objects that people frequently touch. Even when restrictions are lifted, there are likely to be more waves of coronavirus infections as people come into contact with others, so we all have to stay vigilant and continue using hygienic practices.

- **REDO® Surface is a strong broadband disinfectant with the power of 6 active agents**
- **REDO® Surface eliminates pathogenic bacteria and enveloped viruses like COVID-19 on inanimate surfaces within 1-5 minutes contact time**
- **REDO® Surface is WHO and European ECDC compliant for surface disinfection against COVID-19**
- **The special formulation of REDO® Surface is registered in Germany as surface disinfection product**



Designed and
Engineered in Germany

- 1 UN Safety Data Sheet available.
- 2 Not for use on the human body.
- 3 Surface disinfectant for inanimate, hard and small surfaces
- 4 Registration No Germany N-93261

REDO® Surface: Application Areas



Frequently Touched Surfaces



Application Area REDO® Surface: Frequently touched surfaces

REDO® Surface is designed for a highly efficient disinfection of inanimate, hard surfaces, with a focus on „frequently touched surfaces“. Up to 72 hours - this is the amount of time coronavirus can stay active on hard surfaces. For example: Half of an office can be infected in hours over a contaminated door knob. Or a lightswitch.. Or an elevator switch.. Or water taps.. etc.

Disinfection is not Cleaning: First Cleaning – Than Disinfection

- ❖ “Cleaning of visibly dirty surfaces followed by disinfection is a best practice measure for prevention of COVID-19 and other viral respiratory illnesses in households and community settings” (CDC, USA)
- ❖ “If a surface is dirty, first clean it with soap or water. Then use a disinfectant product” (UNICEF)

Break the chain of infections with “Targeted Hygiene”



What is targeted hygiene? The key to targeted hygiene is that it is focused on breaking the chain of infection. This differs significantly from the traditional view "that hygiene means getting rid of dirt which is where harmful microbes are mainly found". In reality, the source of harmful microbes is mainly other people, contaminated food and water, and domestic animals.

Harmful microbes enter the home mainly through people or pets, contaminated food or water. They are continuously shed and then spread through carriers such as hands, toilets, cloths etc. We can be infected by these microbes by for example touching an infected surface and then touching the mouth, nose or eyes, or by eating food contaminated by handling it with contaminated hands. This is known as the ‘chain of infection’. All links in the chain need to be in place for an infection to spread. So, if we break one of the links in the chain, then an infection cannot spread.

Break the chain of infection to prevent the spread of harmful microbes!

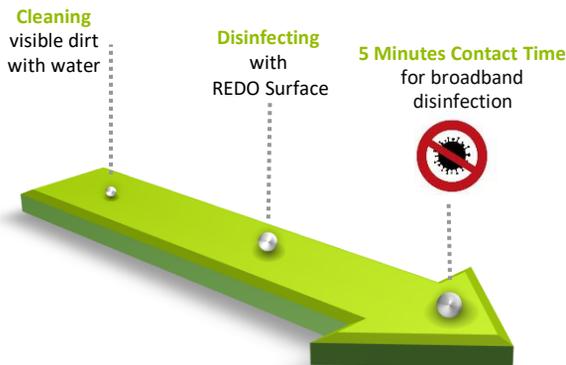
Applicable for surface disinfection in:

- healthcare facilities
- factories, offices, shops
- private households
- hotels, restaurants
- the food processing industry
- indoor and outdoor public areas
- public transport
- schools and universities

Frequently touched surfaces include:

- door holders, light switches
- tabletops, chairs
- handrails
- elevator switches
- benches
- toilet seats, water taps, bathroom surfaces
- food cutting boards and surfaces in the food processing industry and in kitchen areas
- reception desks
- doorknobs and wheels in vehicles
- handrails in public transport
- favourite toys
- etc.

First Cleaning – than Disinfection



The Power of 6 active agents – REDO® formulation

Ingredients

REDO® Formulation with the „Power of Six“

REDO® Surface is a water based, strong broadband disinfectant, combining the power of 6 active agents. The ingredients are:

- ❖ Water > 96%,
- ❖ Chlorine Dioxide <0,1%,
- ❖ Active Chlorine from Hypochlorous Acid <0,1%,
- ❖ Hydrogene Peroxide <1,5%,
- ❖ Sodium Hydroxide <1,5 %,
- ❖ Ozone <0,1%,
- ❖ Oxygen <0,1%,

Registered in Germany

The formulation of REDO® Surface is registered in Germany as surface disinfectant. Further product lines from REDO are registered in Germany for the application areas: drinking water, veterinary and food. In 2004 REDO Technology received the Federal Award from the German Government for an Outstanding Innovative Technology.

WHO and ECDC compliant

REDO® Surface is WHO and ECDC compliant for surface disinfection against COVID-19. UN-Safety Data Sheet available.



REDO Production Plant



Did you know?

The Disadvantages of Alcohol as Surface Disinfectant

Disinfectants rely on a contact time to be effective. Alcohol solutions tend to evaporate quickly when applied to surfaces, which then limits the contact time. The rate is similar for either isopropyl alcohol or ethyl alcohol, but the higher the concentration of alcohol, the quicker they will evaporate. The following gives an overview on main disadvantages of alcohol as surface disinfectant:

- Flammable (large amounts require special storage)
- Affected by organic matter
- No detergent or cleaning properties
- Damages instruments (eg, harden rubber, deteriorate glue)
- Evaporates rapidly, making contact time compliance difficult
- Not recommended for use on large surfaces
- Outbreaks ascribed to contaminated alcohol

NABL lab tested for efficacy against
Staphylococcus Aureus (MRSA), Pseudomonas Aeruginosa, Salmonella, Enterococci, Ecoli

According to US-EPA standards, hospital disinfectants „must have demonstrated acceptable efficacy against the three qualifying germs: Pseudomonas, Staphylococcus and Salmonella “.

Overview Product Family of REDO® Surface

- ✓ Product Family of REDO® Surface
- ✓ Different sizes for different needs
- ✓ Made in India – Engineered in Germany
- ✓ Warehouses in Nagpur and Pune

Product Family of REDO® Surface

- ❖ 60 ml spray bottle: for spraying, bag size, refillable
- ❖ 200 ml flip cap bottle: for wiping or refill of a spray bottle
- ❖ 1 litre flip cap bottle: for wiping or refill of a spray bottle
- ❖ 5 litre canister: for wiping or refill of a spray bottle

How to use



REDO® Surface is a ready to use surface disinfectant and needs no dilution. Just spray or wipe on the surface to be treated, until it is covered with liquid.

Recommended contact time: 5 minutes.

Check for material compatibility at invisible place before use. If used intensively in closed rooms: open windows. Store dark and cold. Not for use on the human body. Use only on inanimate objects. Do not mix with cleaning agents. First cleaning – than disinfection.

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Learn more on: [facebook.com/REDOsurface.India](https://www.facebook.com/REDOsurface.India)

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Overview Product Family REDO® Surface (05/2020)

Volume: 60 ml	spray head HDPE bottle
Volume: 200 ml	flip cap HDPE bottle
Volume: 1 litre	flip cap HDPE bottle
Volume: 5 litres	HDPE canister



