

Application Of

CHLORITAB

in Dental Clinics
for Air Fumigation, Surface
Sanitation & Bio film removal



**Atmanirbhar
Bharat Abhiyaan**



Molecule Approved By:



**World Health
Organization**



CDC
CENTERS FOR DISEASE CONTROL
AND PREVENTION

IDRA

Chlorine Dioxide (ClO₂) is a synthetic, green-yellowish gas with a chlorine-like, irritating odour. Chlorine dioxide is very different from elementary chlorine, both in its chemical structure as in its behavior. Chlorine dioxide is a small, volatile and very strong molecule. In diluted, watery solutions chlorine dioxide is a free radical.

CHLORITAB

(**Chlorine Dioxide - CAS No 10049-04-4**)

is an approved and allowed substance for human and animal consumption according to



Reference : In India ClO₂ has been used since 2005 in drinking water, waste water and various air and water disinfection and sanitation application. Currently in over 11 states the product is used for water, air, surface and equipment sanitation.

ClO₂ for COVID-19

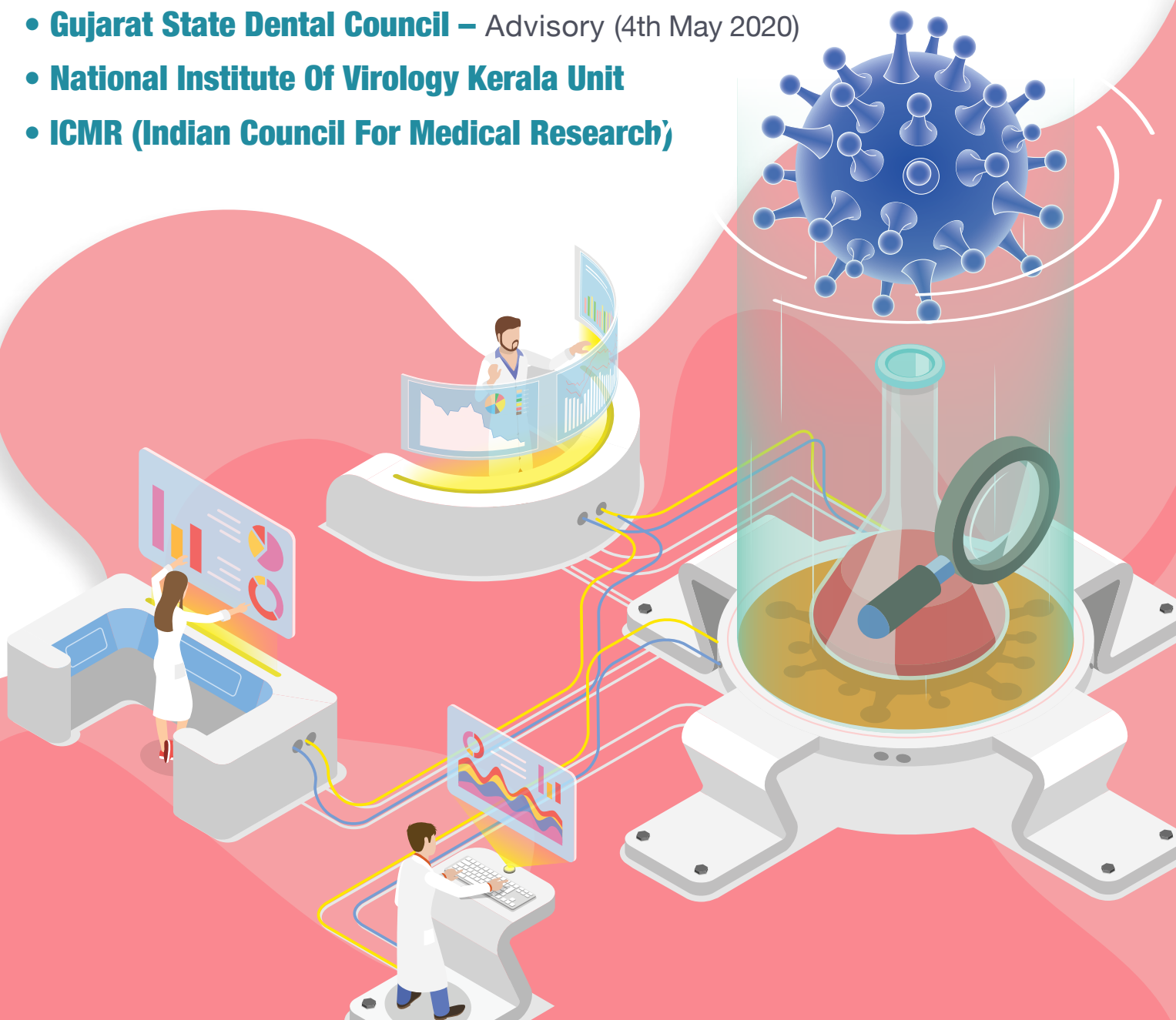
ClO₂ has been widely used and recommended for the COVID-19 decontamination globally.

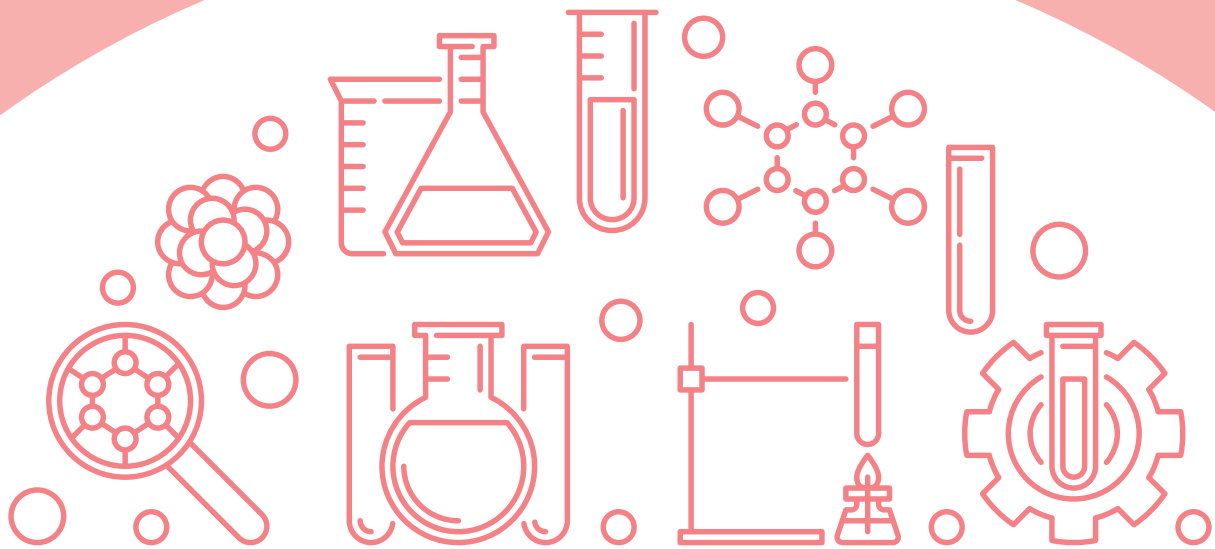
Global References & Recommendations :

- **Beijing Capital International Airport Recommendation** – ▶ Surface Sanitation
- **Chinese Pharmaceutical Association** – Expert consensus on Guidance and Prevention strategies – ▶ Air Fumigation ▶ Surface sanitation
- **US-EPA – United State Environment Protection Agency**
- **China National Health Commission**

Domestic References & Recommendations :

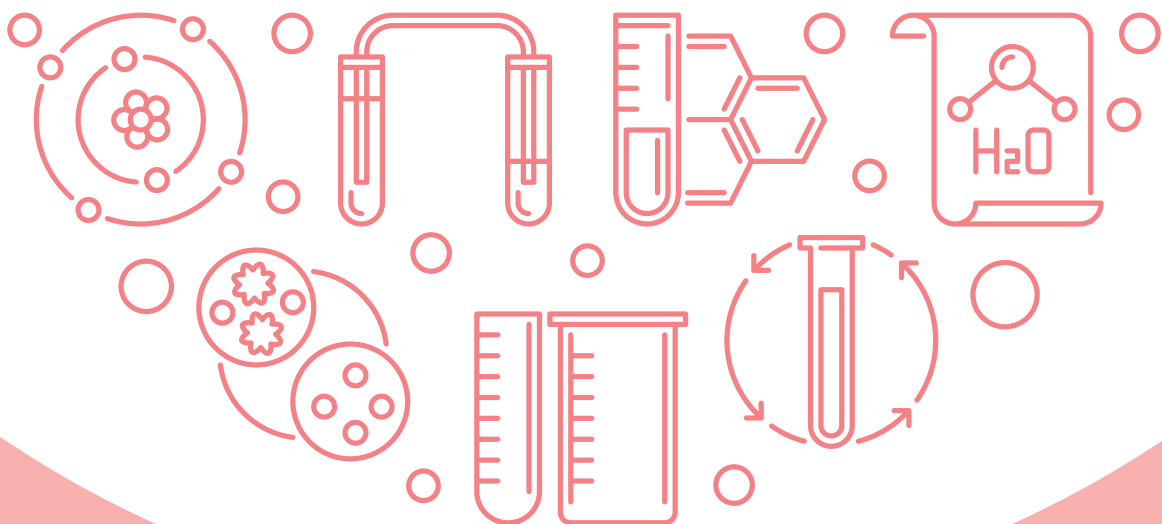
- **Gujarat State Dental Council** – Advisory (4th May 2020)
- **National Institute Of Virology Kerala Unit**
- **ICMR (Indian Council For Medical Research)**





BENEFITS OF USING ClO_2 MOLECULE

Effective in both liquid and gas phases. Easy to use and generate, so you can dramatically reduce your service time. Completely decontaminate the surface, strip and removes biomass on surface remains cleaner longer & recontamination is reduced. Reduces service time.



Proposed Applications With CHLORITAB

Biofilm and Pathogen control in the water pipeline

The Aerosols generated during the operative procedures can be a cause of infection, and viral contamination. Hence it is necessary to eliminate the pathogens in the water line and the during operative procedures.

How to Use Chloritab ?

- ▶ Take a PET bottle with tight lead cap.
- ▶ Fill the same with drinking water.
- ▶ Add 1 tablet of 1 g – **CHLORITAB**.
- ▶ Post 5 min – the solution can be used.
- ▶ Add 30 ml solution per litre of the water volume. (Dose can be reduced upto 10 ml)

BIOFILM?

Material
Biofilm
Buildup

Soaking
Instruments



Fumigation And Air Borne Pathogen Prevention And Control

Steps To Follow :

1. Take a Plastic Container and add 500 ml of water to it.
2. Add **CHLORITAB** tablet to the container.
3. Leave the room closed for 4 hrs.
4. Post 4 hrs Ventilate for 15 mins by opening window and switching On A/C or AHU.
5. Room is ready to use.



Precautions :

Should be applied after wearing protective gloves, Masks, and Eye Protection. Do not spill not cotton or clothes, as higher concentration can cause cloth decolorization. Its no allergic to skin, but should avoid inhalation, in absence of NIOSH approved mask – use a ordinary mark with nose covered and wrap a wet cloth on top of the same
Note – For Detailed Instruction kindly refer to the technical bulletin.

Contact Us:



SVS
AQUA TECHNOLOGIES

Phone Number : 7021010540 / 8275942877
Email: info@svsaqua.com **Website:** www.svsaqua.com
Office Address: Plot No. 43/44/45, Gut No. 411, Village Urawade, Taluka - Mulshi, Pune - 412111, Maharashtra.

