

## Killrona™ Universal Disinfectant



Killrona™ Universal Disinfectant is a two pack system comprising of Jopasu Concentrate (sachet 1) and Jopasu Activator (sachet 2). When mixed in proper concentration with water, provides a concentrated solution of **Chlorine Dioxide**, which remains fully effective for up to 15 days after activation. It instantly cleans and disinfects the surfaces by eliminating 99.99% of fungi, viruses, and bacteria, thus restricting the growth of pathogens.

### Disinfecting Strength



Killrona™ Universal Disinfectant

**Packing**

50ml Jopasu Concentrate (sachet 1)  
+ 50ml Jopasu Activator (sachet 2)

### Characteristics

- Contains biocides that are effective for deactivating pathogens
- Proper mixing of two agents ensures perfect disinfectant concentrate
- Mixed with water in various dilution ratios for varied surfaces as mentioned in Table 1.0
- Helps in disinfecting vehicles, hospitals, showrooms, workshops, commercial buildings etc.
- 50ml Jopasu Concentrate + 50ml Jopasu Activator = Approximately 28 grams of % solid

### Key Benefits

- 99.99% reduction in number of microbes (virus, bacteria, fungi etc).
- Restricts the growth of bacteria and mold.
- Helps reduce the risk of cross contamination on hard, non-porous surfaces
- Prevents spread of infectious diseases.
- Chlorine Dioxide is proven more effective than Chlorine, Isopropyl Alcohol, Ethanol and most other disinfectants.

### How to use

#### ○ Activation Procedure:

- Wear gloves, face mask & protective goggles while mixing chemicals.
- Take a bucket or Can of 5 Litres.
- Cut both sachets & open at the same time.
- Pour the whole amount of the sachets in clean can with the help of a funnel.
- Wait 2-3 minutes to allow the activation of the chlorine dioxide.
- After activation dilute the solution by mixing 100 ml solution with 4.9 litres of water (i.e concentrate of 500 ppm) (**naming this solution as "Solution A"**).
- This 5L Solution A can be directly used to disinfect Ambulance, Hospitals, Bus station, Railway Station, etc. Also, it can be further diluted in varied ratios for disinfecting different areas as mentioned in Table 1.0.

#### ○ Application:

- Make sure to wear face masks, gloves & protection goggles while doing the disinfection process to avoid contact with dust and germs.
- Further dilute the above solution as per Table 1.0 depending upon the surface of application.
- Preclean the surface.

- Spray disinfecting solution on surface until thoroughly wet.
- Allow product to dwell on surface 10 minutes.
- Wipe the surface with clean cloth or towel or let air dry.

○ **Dilution Ratios:**

Table 1.0 below shows different dilution ratios for disinfecting different surfaces.

DILUTION RATIO	PPM	WHERE TO USE FOR DISINFECTION
5L Solution A (as it is)	500 ppm in 5L solution	Ambulance, Hospitals, Bus station, Railway Station, etc.
1L Solution A + 1.5L Water	200 ppm in 2.5L solution	Showrooms, Workshops, etc.
1L Solution A + 4L Water	100 ppm in 5L solution	Car Exteriors, Truck, Tempo Interior & Exterior, Offices,
1L Solution A + 9L Water	50 ppm in 10L solution	Car Interiors, Wiping Floors (add to cleaning solution)
1L Solution A + 19L Water	25 ppm in 20L solution	Disinfectant Chambers
1L Solution A + 49L Water	10 ppm in 50L solution	Washing of fruits & vegetables

This 100 ml of concentrate can be diluted from 5L to 250 L solution for varied surface disinfection.

**Notes**

- Prepare in well-ventilated area.
- Never store activated solution beyond 15 days as it degrades with time.
- Always dilute activated concentrate after 2 minutes.
- Always wear gloves, face mask and protective goggles when mixing and applying chemicals.
- Always tighten the lid of the container.