

Basic Solar Module Regular Cleaning Kit For Domestic Customers. (MOQ 12 Nos)

3 Mtr Kit	1 + 2 + 3 + 4
6 Mtr Kit	1 + 2 + 3 + 4

1) Solar Soft Scrub Pad Holder (Pole Type)
10 X 4 Inch



2) Aluminum Telescopic Pole
3 / 6 Mtr



3) The Pink Solution (Organic Descaler)



250 ml

4) Microfiber Washer With Sleeve
45 CM





Solar Module Regular Cleaning Solution

Organic Descaler (Pink solution)

Preparation and Safety

When to Clean: Only clean solar panels when they are cool to the touch—ideally very early in the morning or late in the evening or on an overcast day. Applying cool liquid to hot glass can cause thermal shock and crack the panels. Furthermore, hot sun will dry the chemical solution onto the glass before you can rinse it, causing streaks.

Equipment Needed:

- Organic Descaler concentrate.
- Source of pure water (distilled/DI/soft).
- Measuring cup/container.
- Application tool: Low-pressure sprayer (garden sprayer) or a bucket with a soft sponge/squeegee.
- Soft bristle brush (specifically designed for solar).

The Cleaning Process Steps

Step 1: The Pre-Rinse Rinse the panels thoroughly with plain water first. This removes loose dust, dirt, and bird droppings. If you apply the descaler directly to heavy dirt, it won't reach the mineral stains on the glass.

Step 2: Apply the Solution Apply the mixed 1:20 descaler solution to the panel glass.

- *Using a sprayer:* Apply an even mist across the surface.
- *Using a sponge/brush:* Dip the tool in the bucket and generously apply to the glass.

Step 3: Dwell Time (Crucial) Allow the solution to sit on the glass for **3 to 5 minutes**. The solution needs time to chemically break down the mineral bonds of the limescale or hard water stains.

- *Important:* Do not let the solution dry on the panel. If it's a warm day and it starts to dry, mist it slightly to keep it wet.

Step 4: Gentle Agitation After the dwell time, gently scrub the panel with a soft White Scrub pad or a non-abrasive sponge. Focus on areas with heavier staining. **Never use abrasive pads (like green kitchen scrubbers) or steel wool.**





Solar Module Organic Descaler

(Pink solution)

1 . What is an Organic Descaler?

A descaler is a chemical agent used to remove limescale deposits. Limescale is the hard, off-white, chalky crust that builds up where "hard water" evaporates. It is primarily composed of calcium carbonate and magnesium.

An "**Organic Descaler(The Pink Solution)**" uses acids derived from natural, biological processes rather than synthetic, harsh industrial acids (like hydrochloric, sulfuric, or muriatic acid).

While "organic" often implies completely safe, in chemistry, it means carbon-based. These are still acids and must be handled with care, but they are generally much safer for humans, equipment, and the environment than their inorganic counterparts.

2. How It Works (The Chemistry)

Limescale (Calcium Carbonate) ,When you apply the descaler to the limescale, a chemical reaction occurs. Breaking it down into water, carbon dioxide and a soluble calcium salt that can be easily rinsed away with water.

4. Advantages of Organic vs. Harsh Chemicals

Why choose an organic descaler over something stronger acid?

- **Surface Safety:** Harsh acids will eat through limescale instantly, but they also attack metals (causing corrosion), destroy rubber seals, and etch glass. Organic acids are slower but significantly gentler on the underlying materials. This is why they are preferred for sensitive equipment like espresso machines or solar panels.
- **User Safety:** Organic acids generally produce fewer noxious fumes and are less likely to cause severe chemical burns upon accidental skin contact (though protective gear is still recommended).





Packaging

- 250ml 500 ml ,1 Ltr Pack
- All Kits are Packed in Individual Kit, in Carton Box.

Delivery Time :

- 3-4 Weeks from Date of Clean Purchase Order .

Transportation :

- VRL Logistics Nearest Branch on Godown Delivery To-Pay Basis.

For More Information and Detailed Commercials

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