



**RO CLEANER 40**  
**Acidic Cleaner – Liquid**  
**Product Datasheet**

**PRODUCT DESCRIPTION:**

**RO Cleaner 40™** is a blend of organic acid and chelant compound. This is used as acid cleaner at low pH and works as metal ion removal at slightly acidic condition and as chelant at alkaline range.

**PERFORMANCE:**

Acidic cleaning is necessary to be carried out before cleaning with alkaline solution. However, it can be ignored in case fouling is organic, biological and is at its early stage. System operated at high differential pressure has to be cleaned alternatively i.e.

- Acid Cleaning
- Sterilization
- Alkaline cleaning

A very low flow rate is required to carry out the scale deposition from the membranes surfaces. In case minor scale all stages can be cleaned at one time when the shutdown of RO system is very less. Since acid cleaning is dissolving of mineral scales, therefore flow of cleaning solution in array is not so important. However separate array's cleaning is always recommended by the membranes manufacturers.

**RO Cleaner 40™** is organic base and subject to becomes the food of bacteria, therefore it is highly recommended to flush out the spent solution and never reuse this solution.

Iron fouling indicated by its yellowish coloration of solution. If turns green after some time. The indication shows that solution has still power to remove the iron fouling from the system.

A dark brownish solution is considered as spent solution and has to drain out. Second preparation is required to remove the remaining debris, if required.

**CONTACT US:**

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**RO Cleaner 40™** is a blend of organic acid and chelant compound. This is used as acid cleaner at low pH and works as metal ion removal at slightly acidic condition and as chelant at alkaline range.

**SOLUTION PREPARATION:**

A 3% w/w solution is required to prepare for this application. Prepare the solution as described in cleaning procedure.

**SPECIFICATION:**

Appearance	Light yellow liquid
pH (1% Solution)	2.0 ± 0.5
Specific gravity	1.12 ± 0.2 g/cm <sup>3</sup>

**FIRST AID:**

Irritant to eyes. Flush eye immediately with plenty of clean water. Immediate medical attention is required.

**SKIN CONTACT:**

Causes irritation. Clean the subjected parts with plenty of water.

**PACKAGING AND STORAGE:**

Standard regional pack sizes are listed below and custom packaging can be provided worldwide. Information on drum less or bulk tanker delivery is available on request.

Packaging Formats	Pakistan
Jerry can	30 kg

**AVAILABILITY:**

Lahore, Karachi, Faisalabad.