

V.CLEAN 411

Industrial Cleaning Product



V.CLEAN 411 is an industrial cleaning product, mixed according to Nitto Denko's oriented formula, used to clean reverse osmosis (RO) membranes. The product is highly active and effective, safe for all common types of membranes (polyamide, PP, PVC, PES, PAN...).

V.CLEAN 411 main ingredients are a mixture of STPP salt, Na-EDTA, surface active agents and additives, capable of cleaning most stains (organic, grease, colloidal silica, rust...) and microorganisms on the membrane surface.

V.CLEAN 411 are also effective in cleaning organic stains on Nano filter (NF), ultrafilter (UF), heat-exchanger, boiler, etc

Specification

- Physical property: Liquid
- Color: Transparent to yellowish
- pH (as product): 12.0 ± 0.5
- Specific gravity (@25 °C): 1.15 ± 0.05

Application

V.CLEAN 411 may partially recrystallize when stored at low temperatures, shake cans and containers well before use.

When cleaning the RO membrane: Mix **V.CLEAN 411** with RO water (in the CIP tank) at a ratio of about 1÷5 to 1÷10. Use a CIP pump to circulate through the RO membrane. Check the pH continuously to remove dirt and add new cleaning agent. Contact **V.CLEAN 411** distributors for technical advice and necessary cleaning procedures.

When cleaning other equipment: Cleaning procedure depends on system characteristics and scale level. Contact **V.CLEAN 411** distributors for technical advice, formula adjustment and necessary cleaning procedure.

Safety

V.CLEAN 411 is compatible with most plastic materials. Does not corrode copper, iron, steel. Not compatible with aluminum, galvanized steel.

V.CLEAN 411 is fairly safe, however gloves, masks and appropriate protective equipment should be worn when handling. Read the Safety Data Sheet (SDS) carefully before use.

Packing & Handling

V.CLEAN 411 is packaged in plastic cans, net weight 20 kg. Shelf life 24 months from date of manufacture. Store in a cool, dry place, away from high temperatures (> 40 °C), direct sunlight and low pH environments.



**EFFECTIVE
ORGANICS, RUSTY
& COLLOIDAL
SILICA REMOVAL**

