



20.02.2012

## **RPC-SL 1 Membrane Cleaner**

### **GENERAL**

RPC-SL1 has been developed as a general purpose cleaner for the removal of organic foulants found on reverse osmosis and nanofiltration membrane surfaces.

- Compatible with all membrane types
- Wide range of applications
- Approved for use in potable water applications
- Liquid product, easy to use
- Can be used in combination with other membrane cleaners
- Low dose rate ensures cost effective treatment

### **APPLICATION AND DOSAGE**

- RPC-SL1 is used as 1 % solution. RPC-SL1 should alternately be soaked and recycled through the membrane system for at least 3 – 4 hours.
- Solutions of RPC-SL1 cause foam, if return pipes in the cleaning tank are not below surface level and the tank is open to air.
- Working with enhanced temperature of 25 °C, the system pH should be maintained at the maximum value recommended by the membrane manufacturer.
- On completion of the cleaning cycle the membranes should be flushed using good quality water to remove residual traces of RPC-SL1. This can take one to several hours and strongly depends on the design of the membrane plant.
- The membrane manufacturer's guidelines shall be followed at all times.
- Our cleaning guidelines shall be followed.

### **HEALTH AND SAFETY**

RPC-SL1 is a proprietary formulation containing anionic surfactants based on sodium salt of an alkyl benzene sulphonic acid.

Please respect the material safety data sheet and the cleaning guidelines.



## CLASSIFICATION

CHIP Classification: Irritant  
UN Classification: Non-hazardous

## MATERIALS COMPATIBILITY

RPC-SL1 is compatible with carbon steel and other materials commonly found in membrane systems.

## TYPICAL PROPERTIES

Appearance: pale yellow liquid  
Density: 1,02 – 1,06 g/cm<sup>3</sup>  
pH (1 %): 7,0 – 12,0  
Freezing point: < -5 °C  
Solubility in water: unlimited

## STORAGE AND SHELF LIFE

The shelf life of RPC-SL1 has been assessed at 2 years. The storage temperature should be between +5 °C and 25 °C.

The safety data sheet contains more information.

## PACKAGING

Polyethylene container (PE)	25 kg net
Standard drum (PE)	220 kg net
Bulk – Container (PE)	1.000 kg net

The data and information contained in this data sheet are based on technical data and tests we believe to be reliable. They are offered in good faith for use by persons having appropriate technical skill at their own discretion and risk. Supplier has no control of design and operating conditions and consequently cannot assume any reliability for results obtained or damage incurred through the use of the product presented. ROPUR RPC Cleaners are continuously improved and therefore we reserve the right to modify or amend specifications without prior notice.