

**SEPPIC**



**Dialox**

**A NEW CONCEPT  
IN HYGIENE  
FOR HEMODIALYSIS**





# DIALOX :

the first product  
capable of disinfecting and  
descaling hemodialysis  
equipment in a single  
operation.

Seppic paskelbė radikaliai nauja formulė leidžiancia iranga dezinfekuoti ir nukalkinti vienu metu.

SEPPIC can today announce a radically new formula able to disinfect and descale simultaneously your equipment. Developed in collaboration with leading hemodialysis departments, Dialox is a disinfectant with a comprehensive activity spectrum, which is quick and easy to use. It gives you the performance and safety required in hemodialysis.

## DOUBLY EFFECTIVE

■ Dialox performs all through the dialysis cycle. It is a disinfectant with a comprehensive activity spectrum, active even in the presence of organic substances.

■ Dialox's effectiveness as a bactericide and a sporicide has been demonstrated in hospital use, particularly on germs as resistant as *Pseudomonas aeruginosa*, *Mycobacterium smegmatis*, or *Bacillus cereus* spores. Furthermore, the tests carried out at the Laboratory of Viral Oncology at the Institut Pasteur, France, show that a 1.5% concentration of Dialox is active against the AIDS virus in 30 minutes.

■ The acidity of Dialox also makes it an effective descaling agent.

■ Dialox's twin action provides optimum conditions of hygiene for all your equipment - generators, piping, filters, tanks, etc.

### *Dialox complies with the following French standards :*

■ *Bactericidal activity : NFT 72 150, NFT 72 170 (tests performed in presence of blood) and NFT 72 190*

■ *Fungicidal activity : NFT 72 201*

■ *Sporicidal activity : NFT 72 231*

## A FULL CYCLE IN LESS THAN ONE HOUR

■ The disinfection/descaling cycle lasts for 10 to 30 minutes maximum. The full cycle - including rinsing - takes less than one hour.

■ Dialox can be used to disinfect your equipment rapidly, between two patients :

in less than an hour, the equipment is ready for you to perform another dialysis under the very best conditions of hygiene. This speedy action means optimum availability of your equipment.

## OVER 10,000 DIALYSES IN COMPLETE SAFETY

■ Dialox is easy to use :

- It comes ready for use, is stable, and can be kept for one year in its original packaging, without the need for special precautions to be taken.

- It is easy to detect traces of the product (potassium iodide test strips)

- 100% biodegradable.

■ Dialox is non-toxic under normal conditions of use. After 10,000 dialyses performed at the Hemodialysis Section of the Nephrology Department at the Lapeyronie Hospital, Montpellier, in France, where Dialox has been in use since 1986, no cases of intolerance, irritation or allergic reaction to the product have been observed either on patients or medical staff.



# TECHNICAL DATA

(Extract from technical data file, available on request)

## Composition

- Hydrogen peroxide :  $\text{H}_2\text{O}_2$
- Acetic acid :  $\text{CH}_3\text{COOH}$
- Peracetic acid :  $\text{CH}_3\text{COOOH}$

## Chemical properties

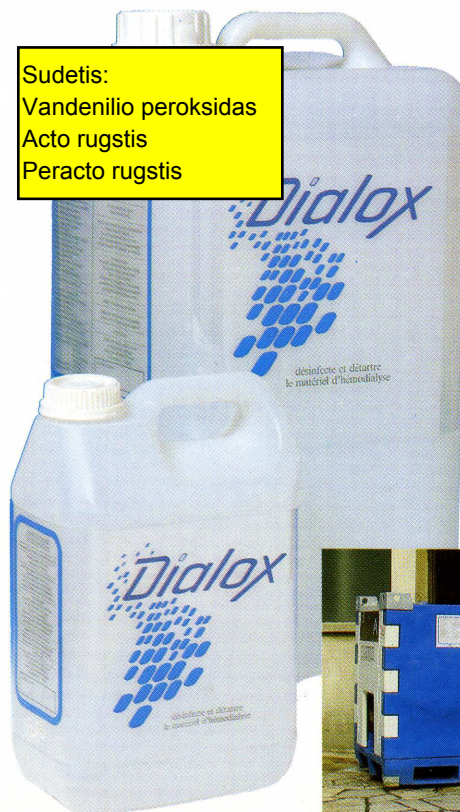
Dialox is an acidic, oxidising product which releases a particularly active oxygen. It reacts with the proteins of the cell walls of micro-organisms, penetrates the cells and destroys them : this avoids the appearance of bacterial resistance to the product. The acidity of Dialox makes it an efficient descaling agent.

## Physical properties

- Colourless liquid
- pH : 1.3
- Density : 1.03
- Slightly acrid smell
- Non-foaming
- Easily rinsed off
- Non-flammable

Fizikiniai duomenys:  
Bespalvis skystis  
Ph: 1,03  
Tankis 1,03  
kiek aitraus kvapo  
Neputoja,  
Lengvai nuskalaujamas  
Nedegus

Sudetis:  
Vandenilio peroksidas  
Acto rūgštis  
Peracto rūgštis



## Packaging and Storage

Dialox comes in 5-litre or 30-litre cans, or in mobile tanks.

It should be stored in its original packaging at ambient temperature, and will remain stable for one year.

*Note : All information appearing in this booklet is based upon test and data believed to be reliable; however, no guarantee expressed or implied is made by SEPPIC and it is the user's responsibility to determine the suitability for his own use of the products described here.*

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