

Ro Dan 144



PRODUCT TYPE	Alkaline cleaner for membranes
APPLICATION	Ro Dan 144 is used for cleaning of all types of membrane filtration systems (MF, UF, NF, RO). The product is suitable for use in the food industry (eg. dairy sector), pharmaceutical and bio-technological industry and other industries.
PROPERTIES	The special composition of cleaning active substances ensures a good effect on all protein and fatty products. Ro Dan 144 is characterized by showing a good effect already from 30°C and can thereby clean also at low temperatures. Can be used in water of all hardness levels. The product can also be used in other industries and for other applications, by agreement with Novadan's consultant.
STORAGE	Store in tightly closed original container. Keep away from food, drink and animal feeding stuffs. Store above freezing. Store protected from acids. Storage: 0 - 35 °C Durability: 36 months.
APPROVAL	The product meets the general food law requirements for cleaning chemicals used in food producing companies. This means that the product under normal use and dosage or under foreseeable circumstances does not transfer any components to foodstuff in a degree that may endanger human health.
SAFETY	Please see the enclosed safety data sheet for information about handling and disposal. For professional users only.

INSTRUCTIONS AND DOSAGE

Dosage: 0,3-5%
Temperature: 30-80°C.
Contact time: 10-120 min.

Temperature and pH should not exceed the limit of the the membrane supplier.

Contact your Novadan consultant for further instructions about dosage and directions for use.

After cleaning, the plant should be thoroughly rinsed with drinking water.

PRODUCTDATA

Colour	Colourless to pale yellow.
Physical state	Fluid.
Bulk density	~ 1,25 kg/l
pH Concentrate	> 13,0
pH (Aqueous solution) 1%	~ 12,0

TITRATION

Take out 10 ml of the solution for use.
Add 3-4 drops of Phenolphthalein.
Titrate with 0,1 N HCl until colourless.
Concentration = Used ml HCl x factor
Factor (w/w %): 0,34
(v/v %): 0,28