

Product Name: - R-AntiCure

Achieve High Performance of Membrane Systems by R-AntiCure.

FILTRATION CHEMICALS A versatile and wide product range that helps protect membrane / filtration systems from fouling & scaling during operation or preservation.

Diya Chemicals is India's leading company in water and environment management, with a strong worldwide presence. Our superior application knowledge and outstanding service support truly help provide customized, one-stop solutions across diverse industries. Our wide-ranging technologies and best quality products have helped retain our market leadership.

Improving water quality to desired purity levels is a constant challenge faced when developing water treatment technologies. Over the years, the global water industry has seen a significant increase in the use of membranes as a preferred means of ensuring high water quality. Ion Exchange pioneered membrane technology in India and with over four decades of extensive experience ensures successful operation of membrane systems, both locally and internationally.

Through our comprehensive research and development, we have successfully established the INDION filtration chemicals range that enhances membrane system operations.

Due to potential foulants, membranes are prone to fouling which reduces their efficient operation. When filtration chemicals are not used, it is observed that operating costs shoot up due to:

Reduction of product output

Unscheduled system shutdowns

Increase in frequency of membrane replacement

The regular application of INDION filtration chemicals prevents fouling & scaling of membranes, ensuring their high performance and hence, protecting your investment.

Filtration Chemicals However, recovery is associated with several factors and lowered output cannot always be linked with fouling. The efficiency of membrane and product quality is often dependent on usage of pretreatment chemicals, thoroughness of membrane cleaning procedures and the effectiveness of system pretreatment. In order to recommend specific solutions for membrane systems, it is very important to understand the nature and causes of membrane fouling. In normal operation, membrane elements can become fouled by suspended solids, microorganisms and mineral scaling. These deposits build up during operation and cause loss in water output or salt rejection, or both. The nature and tendency of fouling / scaling depends on feed water quality and plant operating conditions. Fouling is progressive and if not controlled will impair membrane performance in a relatively short time. It could also be irreversible.

Causes of Membrane Fouling Filtration Antiscalants:

Diya Chemicals

A versatile range that provides tailor-made solutions

Restrict deposition on membranes due to all types of scales & foulants including Calcium Carbonate, Calcium Sulphate, Calcium Phosphate, Silica, Barium, Strontium, colloids, heavy metal oxides and small

levels of organics Disperse particulate foulants from membrane surface

Effective over a wide pH range

Compatible with most commercially available

Reverse osmosis membranes Work as threshold inhibitors as well as crystal modifiers, hence provide two-tier protection.

Benefits of R-AntiCure Chemical.-

Wide range of products that provide custom-fit solutions

Not as harsh on membranes as generic cleaners

consist of a high grade formulation suitable for most types of foulants and deposits, unlike generic cleaners which solve one problem but often lead to another .

Are concentrated and hence, efficient for transportation and handling

Compatible with all types of membrane systems - reverse osmosis, nano filtration, ultra filtration etc

NON - WARRANTY

The information in this technical datasheet is based on our skill, experience and tests which we believe to be reliable, but DIYA CHEMICALS offer no guarantee and cannot accept responsibility for operation not under their direct control.