

Filtration Chemical

INDION[®] 2822

Alkaline Membrane Cleaner

Application

INDION 2822 is specially formulated cleaner for removing heavy metal fouling, bio-foulants and other colloidal/particulate based foulants from reverse osmosis membranes. INDION 2822 is also effective in removing calcium, silt, organics and metal sulfides.

Benefits & Features

- Highly effective & easy to handle concentrated liquid
- Effectively restores membrane performance deteriorated due to scaling
- Harsh on foulants but gentle on membranes

Product Specifications

Appearance	:	Clear colourless to pale yellow liquid
pH as such	:	9.0 - 12.0
Specific gravity	:	1.30 - 1.40
Solubility in water	:	Miscible in all proportions
Flash point	:	Non-flammable aqueous solution

Direction for Use

INDION 2822 should be fed in CIP tank to prepare solution for offline cleaning. The dosage and frequency of addition depends upon the severity of fouling/scaling, typical dosages are mentioned below:-

Routine offline cleaning: INDION 2822 is normally recommended at a dose level of 3-4% solution to be circulated for one hour at low velocity followed by 1-2 hours soaking then one hour high velocity circulation and permeate flushing. It is used against calcium, metal oxides and other foulants.

Typically it is recommended to be used before acidic or biocidal cleaning for better efficacy, however actual cleaning programme may vary and will be suggested by our IE representative after carefully examining your system.

Limitations and Handling

As with all industrial chemicals, care should be taken in its handling and use. Keep the container closed when not in use, the product should not be swallowed and prolonged contact with the skin should be avoided. Wear goggles, face shield and rubber gloves while handling the product. For detailed safety precautions please refer MSDS.

Storage, Packaging & Shelf Life

INDION 2822 is available in 25 kg pails/bags, 50/200 kg drums & 1000 kg IBC. Shelf life of INDION 2822 is two years under normal handling and storage conditions. It is advisable to keep container tightly closed in a cool place.

The information contained herein, is to the best of our knowledge, true and accurate. No warranty, expressed or implied is made except that the products discussed herein complies with the chemical description.

INDION is the registered trademark of Ion Exchange (India) Ltd.

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