

Genesys RED

Chlorine Reducer

G E N E S Y S
I N T E R N A T I O N A L

www.genesysro.com

The Complete Solution

Prevents damage by chlorine



- ✓ Suitable for Reverse Osmosis (RO) and Nano-Filtration (NF) membranes
- ✓ Compatible with all types of polyamide membrane
- ✓ Removes chlorine from feed water
- ✓ Suitable for use in drinking water and food industry applications

Description

Genesys RED is a reducing agent for removing dissolved oxygen and residual chlorine from feed waters. Genesys RED is used in Reverse Osmosis and Nano-Filtration systems with polyamide membranes where any residual chlorine can adversely affect membrane integrity.

Genesys RED will react rapidly with chlorine but relatively slowly with oxygen.



Application

Genesys RED should be dosed continuously to the feed water upstream of the cartridge filter. The recommended dose rate is 11 mg/L for each 1 mg/L of active chlorine.

Genesys RED is fully miscible with water in all proportions, but if diluted, chlorine-free water must be used.

Health and Safety

Genesys RED is a concentrated solution of sodium metabisulphite. It is compatible with AISI stainless steel, polyethylene, polypropylene, PVC, glass and rubber. Take all necessary precautions when handling the chemical product observing all safety precautions that appear on the drum label or the material safety data sheet. A material safety data sheet is available on request.

Classification

CHIP: Harmful | UN: Non hazardous

Typical properties

Appearance: clear / pale yellow liquid
pH as supplied: 3.0 – 6.0
Specific gravity: 1.30 – 1.32
Freezing point: <math><6^{\circ}\text{C}</math>

Packaging

Available in 25 kg kegs, 250 kg drums and 1300 kg IBC's. Shelf life 12 months under normal storage conditions. The container must be kept closed when not in use. Keep away from oxidizing agents.



For more information contact:

Genesys International Ltd.
3A Aston Way, Midpoint 18,
Middlewich, Cheshire, CW10 0HS, UK
E-mail: info@genesysro.com
www.genesysro.com

Genesys Latin America - Chile
Genesys North America - USA
Genesys Membrane Products - Spain

Release 12/07/2010