



Product

TECH 4300

Iron oxides and carbonate scale cleaner for membranes.

Benefits

- *Complies with membrane manufacturers recommendation for iron oxides and carbonate scales removal.*
- *Cost-effective.*

Appearance	:	Clear yellow to orange liquid
Specific Gravity	:	1.03 – 1.10 to be confirmed
pH 1% solution	:	1 - 2

Application

TECH 4300 is formulated as a standard cleaner for the removal of iron and carbonate scales from membrane.

Typical cleaning solutions are made with chlorine-free product water. Concentration depends on membrane type and degree of fouling.

The duration of the cleaning process depends upon the amount and nature of the fouling to be removed. Although a cleaning period of one hour may be considered typical an extended soothing period may be necessary in the case of heavy fouling.

Short periods of re-circulation are considered good practice for cleaning heavily fouled membranes.

It is recommended to rinse the membranes after the cleaning process with good quality water to remove residual cleaning solution. When the plant is returned to service the product water must be discarded for the first 15 minutes to ensure that it is free of the cleaning agent.

Refer to your **TECHCHEM** representative for further information regarding cleaning procedure using **TECH 4300**.

Packaging

TECH 4300 is supplied in 20 kg pails, 200 kg plastic drums or 1000 kg containers.



Safety

SPECIFIC SAFETY INSTRUCTIONS

This product is acidic and corrosive to body tissue and must be handled with great care. Skin and eye contact must be avoided and gloves and goggles should be worn, along with protective overalls and apron when handling the product or solution containing the product.

Do not store with Alkaline(category B and C) materials or oxidising agents (category I and J).

GENERAL SAFETY INSTRUCTIONS:

Ensure that the operator is fully informed and familiar with the use of the product.

Avoid ingestion of the product by mouth and nose. To eliminate the possibility of accidental ingestion, operator should never eat, drink or smoke when using chemicals. In addition, protective clothing should be removed, and the hands washed prior to eating, drinking or smoking.

Store in the original containers and ensure that the cap is always secure.

Do not store in temperatures above 40°C or below 0°C for extended periods.

Do not stack more than two high for prolonged periods.

Avoid storing near direct heat and in direct sunlight.

Store out of the reach of children and away from thoroughfares.

Please refer to the Material Safety Data Sheet for more detailed information