

Improve your Savings with Pennar Offerings



RO Water Treatment

Pennar Industries Limited – Enviro Business Unit, earlier Pennar Chemical Limited, entered into Indian market in 1992 and has nurtured to be a pioneer in the field of specialty chemicals for solid / liquid fuel additives and water applications. Enviro business unit offers EPC, Standard Plants, Specialty Chemicals and O&M solutions for clear and waste-water treatment. With state-of-the-art manufacturing unit at Hyderabad and PAN India presence of sales and service offices along with channel partners caters to all customers across the Indian landscape.



- Research & innovation and world class manufacturing, Dedicated Services, Continue Product Development on core of Pennar's essentials which differentiates us in the marketplace.
- Sustained Differentiation in marketplace leads Pennar to strive for innovation, improving efficiencies, maintaining quality and offering reliability. Pennar has in-house specialty formulations unit with QA/QC support services to meet these demands.
- Pennar is one of the market leaders offering specialty chemical solutions to water treatment systems and fuel efficiency improver requirements at Industrial and Institutional water/fuel-intensive workplace.

Delivering
Performance
Chemicals

25
YEARS

MARKETS WE SERVE

- | | |
|-----------------------|-------------------------|
| ❖ Engineering | ❖ Fertilizers |
| ❖ Power Plants | ❖ Petrochemicals |
| ❖ Chemicals | ❖ Refinery |
| ❖ Food | ❖ Pharma |
| ❖ Tyre Industry | ❖ Automobiles |
| ❖ Hospitality Segment | ❖ Institutional Segment |

Pennar Industries Ltd.



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Ensuring optimum performance in membrane-based systems, it is mandated that deposition and fouling be addressed aptly. Pennar Specialty Membrane Chemical formulations tailored to offer best solutions to counter deposition of ionic salts and foulants to derive best recovery and minimum downtime for membrane-based systems. Pre-treatment section in membrane systems is crucial and to be addressed with utmost seriousness.

- RO Antiscalant
- Membrane Pre-treatment Chemicals
- Membrane Cleaners
- Membrane Preservatives
- Selective Ionic Salt Scale Inhibitors

Scale Inhibitors

- General Antiscalant (up to LSI +2.60)
 - Antiscalant specific for controlling CaCO_3 scaling
 - Antiscalant specific for controlling CaSO_4 scaling
 - Antiscalant specific for controlling SiO_2 scaling
 - Antiscalant specific for controlling PO_4 scaling
- Fouling Dispersants
 - Online injection dispersant for controlling foulant deposits
 - CIP Treatment
 - Organic Cleaners for cleansing surface (No harsh chemicals)
 - Inorganic Cleaners for cleansing surface of salt deposits & fouling
 - Biocides for microbial cleansing of membrane surface
 - Alkalinity Controller
 - Alkalinity Reducer
 - Inorganic
 - Organic
 - Alkalinity Builder
 - Inorganic
 - Organic
 - Mineral Boosters for treatment permeate to enhance taste
 - Oxidizing Agents for controlling microbiological growth
 - Reducing Agents for dehalogenation
 - Powder
 - Liquid
 - Emulsions
 - Reducing Agents
 - Organic
 - Inorganic
 - Oxidizing Agents
 - Chlorinated Compounds
 - Other alternative oxidizing chemistry suite to conditions



Without antiscalant

With antiscalant

Branches

- ▶ **Ahmedabad** - 22, Opp. Dharnidhar Jain Temple, Ravikiran Society, Lavanya Society, Vasan, Ahmedabad, Gujarat-380007
- ▶ **Bangalore** - No-68, 1, 1st floor, IV Main Road, Nehru Nagar, Near Kino Theatre, Seshadripuram, Bangalore-56020
- ▶ **Chennai** - First Floor, Plot No. 1615, Block-J, Door No. 9, 8th Street, Anna Nagar, Chennai-600058
- ▶ **Delhi** - 612, Ansal Chamber -2, Bhikaji Cama Place, New Delhi-110066
- ▶ **Kolkata** - 1502, Rajdanga, Main road, 2nd and 3rd floor D. D. 8, Kolkata-700107
- ▶ **Mumbai** - Tarapur MIDC, Vijay Colony, Vanipada, Boisar, Maharashtra 401501
- ▶ **Pune** - Equatorial forum 1st floor, Wakdewadi, Mumbai-Pune road, Pune-411003

Manufactured & Marketed by:

Pennar Industries Ltd.

(ENVIRO BUSINESS UNIT)

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