

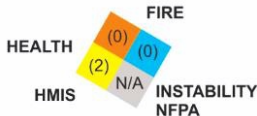
Product Overview

HYDRON is high quality **Poly Phosphonate & Dispersant** based Antiscalant and antifouling agent, best suited for reverse osmosis membranes. It enhances membrane life and enhances production times in industries & production houses.

Antiscalant chemicals are used to prevent the scaling & fouling of the RO membranes. Scale may consist of mineral fouling such as calcium sulfate, calcium carbonate, barium sulfate, silica, calcium fluoride, and strontium sulfate. The Antiscalant dosing should be done before reaching the RO membranes to break up sulfate precipitates, calcium carbonate, and other mineral fouling.

Hazard Identification

Human Health Hazard	Acute
Inhalation	May cause irritation of mucous membranes
Skin Contact	May cause mild irritation
Eye Contact	May cause moderate irritation
Any Special Hazard	Not Specified



Hygienic Recommendations

Keep an eye wash fountain available, Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash affected area, Launder contaminated clothing before reuse. Wash hands at break and at the end of shift.



Safety Phrases

Avoid contact with skins and eyes, Wear suitable protective clothing, Gloves and eye face protection, In case of contact rinse with plenty of water and seek medical advice.



Dose Rates

Generally recommended dose rates are as under;

Raw Water TDS (ppm)	1000	3000	5000	10000	20000	30000	40000
Dose Rate (Gm/Hr)	4	6	8	12	25	38	88

NOTE: Dose rates may vary. Please contact supplier for dose optimization.
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*MSDS – Material Safety Data Sheet **TDS – Technical Data Sheet

Chemical & Physical Properties

Active Ingredients	Dispersant Poly Phosphonate
State	Liquid
Color	Bright Yellow / Dark Yellow
Odor	Characteristic Odor
Water Solubility	Complete
Boiling Point	103 °C
Freezing Point	-10 °C
pH @ 25 °C	0.5 – 1.5
Specific Gravity	1.2 – 1.6

Manufacturing Date

Stability

- Store @ 25C in a well ventilated room
- Best use within 1 year from the date of manufacturing
- Use can within 24 weeks once opened / can cap must be tightened well after getting chemical for solution
- Prepare fresh solution for use daily if possible

Precautions

- Keep out of the reach of children
- Store @ 25 °C in a well ventilated room
- Store away from eatables
- Solution may lose 20% of its activity if prepared in a water having more than 300ppm hardness
- Keep cans capped all the time
- Product should be disposed of according to rules and regulations of the local regulatory bodies.

Corporate Office

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