

PROCESSING AIDS



LIQUID PROCESSING AIDS

Since 1985, Hydrite Chemical Co. has pioneered the use of liquid processing aids in the dairy industry. Through years of research and field testing, Hydrite Chemical Co. has developed a series of **patented products for controlling unwanted calcium scale formation.**

You will benefit with the following products:

- Delta No. 594
- Extend No. 595
- Liqua-Seq No. 557
- Prolong No. 596

POTENTIAL

Processing Aids from Hydrite Chemical Co. consist of proprietary and/or patented blends of food grade polyphosphates that have been optimized for greater effectiveness over the use of single phosphate compositions. They have the potential for application anywhere undesirable calcium carbonate and calcium phosphate scale forms. (Proven to be effective in reducing fouling on contact surfaces in heat transfer equipment such as heat exchangers, pasteurizers and evaporators.)

BENEFITS

- Less scale formation on evaporator and RO units
- Longer production runs
- More pounds per hour through evaporator
- Reduced energy usage
- Elimination of midday wash
- Fewer chemicals required for cleaning
- Greater product recovery/higher yields
- Lower ash in lactose
- Larger, more uniform crystals
- Uniform dehydrated properties
- Less caking
- Longer membrane life
- Lower processing pressures
- Facilitates whey protein stabilization
- Prevents formation of whey pudding and calcium fall-out
- Reduced solids fallout in concentrated permeate



Providing Creative Solutions



REVERSE OSMOSIS MEMBRANE SYSTEMS

Delta has been found to be extremely useful in controlling the fouling of reverse osmosis membrane systems. Scale build up equates to higher pressures, shorter production runs, higher energy costs and more time and chemicals required for cleaning which decreases membrane life. Additionally, our processing aids come in a liquid form that can be easily and accurately metered into the process stream through the use of a diaphragm pump or by using Hydrite's Ex-Zact Flo metering system.

OTHER HYDRITE CHEMICAL CO. OFFERINGS:

- Cleaning and sanitation solutions
- Commodity chemicals
- Food ingredients
- Toll manufacturing
- Foam control
- Wastewater treatment
- Hazardous waste management

Hydrite Chemical Co. Locations



WISCONSIN

Hydrite Chemical Co.

300 North Patrick Boulevard
P.O. Box 0948 (53008-0948)
Brookfield, WI 53045
Phone: 262-792-1450
Fax: 262-792-8721