

SUGAR PROCESSING SOLUTIONS

Protect your process from unwanted foam with our extensive line of expertly crafted defoamers and antifoam products.



► FOAM CONTROL PRODUCTS

To service all of your needs, Hydrite Chemical Co. offers the broadest line of products to address the diverse foaming opportunities found in a beet sugar processing facility. The range of technologies that we bring to the market is created to better control foaming throughout the process. Our field experts are aligned with this technology to handle your foaming issues.

Process Aids

To help you produce sugar more efficiently, Hydrite Chemical Co. has a full line of process aids. Our comprehensive line includes pan surfactants, scale inhibitors, and products to assist in juice clarification. You will see dramatic improvement in sugar production using our process aids coupled with our foam control technologies.

Equipment

Hydrite Chemical Co. has created a full line of equipment that makes handling chemicals easier while improving efficiency. As much of the equipment is modular, these systems can be designed as need to best suit your needs. The newest piece of equipment added to our line allows for precise measurement of chemical use down to 1ml/min. coupled with telemetry to allow viewing of dosing from a remote location.

BetaTec

In response to customer demand, we have formed a new, exclusive relationship with BetaTec to offer premium microbial solutions

for sugar processors. The new relationship will allow Hydrite Chemical Co. to market BetaTec technology within the sugar processors to better handle the tough microbial issues that arise from storage of beets and the long term use of juice liquor for extended periods of time.

Odor Control

To combat a real and recent issue of our customers, Hydrite Chemical Co. has developed new chemical technology to assist in odor abatement at the sugar mills. Our new Advanced Oxidation Technology (AOT) solutions combat the most difficult sulfite odor issues that are common in most sugar plants. The system destroys the odor causing molecule instead of other systems that just mask the smell.

Miscellaneous Chemicals

Hydrite Chemical Co. offers total and comprehensive chemical solutions. We are the 8th largest distributor in North America, which allows us to have access to most of the commodity chemicals that would be used in a typical sugar processing facility.

For more information on how Hydrite Chemical Co. can help your organization, email Jon Murnik at jon.murnik@hydrite.com.



Providing Creative Solutions

Hydrite Chemical Co. offers one of the most comprehensive product technology ranges to the sugar processing market. Our specialty chemical line coupled with our commodity chemicals and specialty products, allow us to meet all of your chemical needs. Allow one of our technical reps to survey your facility to show how we can help.

Process Defoamer

- **MCA 240** - A proprietary surfactant blend designed to control foam in processing
- **MCA 257** - A concentrated solution designed to deliver efficient control of foam in processing

Flume Defoamer

- **MCA 583** - Specialty antifoam designed for excellent control of foam in the sugar flumes

Pan Surfactant

- **MCA 400B** - A specialized blend of surfactants designed to enhance the sugar process

Scale Inhibitor

- **Hydriscale 1317** - A synergistic blend for the prevention of scale in evaporators, reboilers and distillation columns
- **Hydriscale 1305** - A proprietary solution for use in evaporators for sugar processing for the prevention of both scale and fouling

Juice Clarification

- **Hydrifloc 6237** - A polymer blend designed to assist in clarifying the juice liquor

Odor Abatement

- **Hydritreat HS-P** - A specialty solution that prepares the system for odor elimination
- **Hydritreat HS-C** - A catalyst package that activates Hydritreat HS-P and eliminates odor causing molecules



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