

SUGAR PROCESSING SOLUTIONS

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



- ▶ Hydrite Chemical Company continues to strive to be the preeminent supplier of process chemicals for the beet sugar industry. Marrying our long-standing expertise in chemical manufacturing and distribution with investments in sugar beet processing knowledge and hands-on experience, Hydrite has built a portfolio of products to best serve the beet sugar industry.

Our centrally located manufacturing facilities, regional warehouses, and strategically placed sales representatives allow us to properly serve our customers with all their chemical needs.

Defoamers and Scale Control

To help you produce sugar more efficiently, Hydrite Chemical Co. has a full line of aids. You will see efficiency 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 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.

Polymers

We have a defined product line for flocculants, coagulants, and dewatering polymers. Many of these chemistries are used in flume, juice, and wastewater treatment clarifiers. We have a dedicated team that specializes in this sector and offers onsite assistance.

CIP & Boil Out Aids

We have number of products listed to help with CIP/Boilouts. Our line includes oxidixer cleaners, chelators, carbon cleaners, and acid cleaners. This also includes protocols for resin fractal cleaning. We have a number of technical personnel with expertise and support when needed.

Odor Control

To combat a real and recent issue of our customers, Hydrite Chemical Co. has developed technology to assist in odor abatement at the sugar mills. Advanced Oxidation Technology (AOT) is now just one of the tools along with peroxides/oxidizers, masking agents, countervalent/covalent products, and bioaugmentation. 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 one of the largest distributors 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

The team at Hydrite Chemicals works continuously to produce the highest quality products for your industry. We do the work to maintain the highest level of regulatory compliance, food safety, food security and security of supply. Our SQRA and sourcing teams fully vet our supply chain to make sure that the products we supply to you are both safe and will be available when you need them.

Process Defoamer

- **Suppressor 3533** - A proprietary synthetic blend designed to deliver efficient control of foam in high temp & processing streams.

Flume Defoamer

- **Suppressor 3526** - A specialty antifoam designed for excellent control of foam in the sugar flumes.

Microbial Control

- **Hydritreat SB2216** - A liquid antimicrobial effective against gram (+) and gram (-) bacteria that can be applied to the flume, pond, cossette mixer and any liquid streams to combat bacteria. Effective in cold temperatures and low pH environments. Rapidly oxidizes hydrogen sulfide and removes odor.
- **Hydritreat WT1510** - EPA registered peracetic acid injected into cooling towers to remove biofilm and injected into wastewater treatment systems for fecal coliform and control.

Scale Inhibitor

- **Hydriscale 1317** - A pH buffered blend for the prevention of scale in evaporators, reboilers and distillation columns.
- **ODSperser 150** - An acrylic blend used to prevent calcium carbonate and calcium sulfate deposits.
- **ODSperser 252** - A maleic blend used as an effective inhibitor to both calcium carbonate and gypsum deposits.

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.
- **Hydrivail 627** - A highly concentrated counter-volant odor control product that neutralizes offensive odors.



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