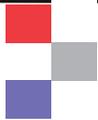


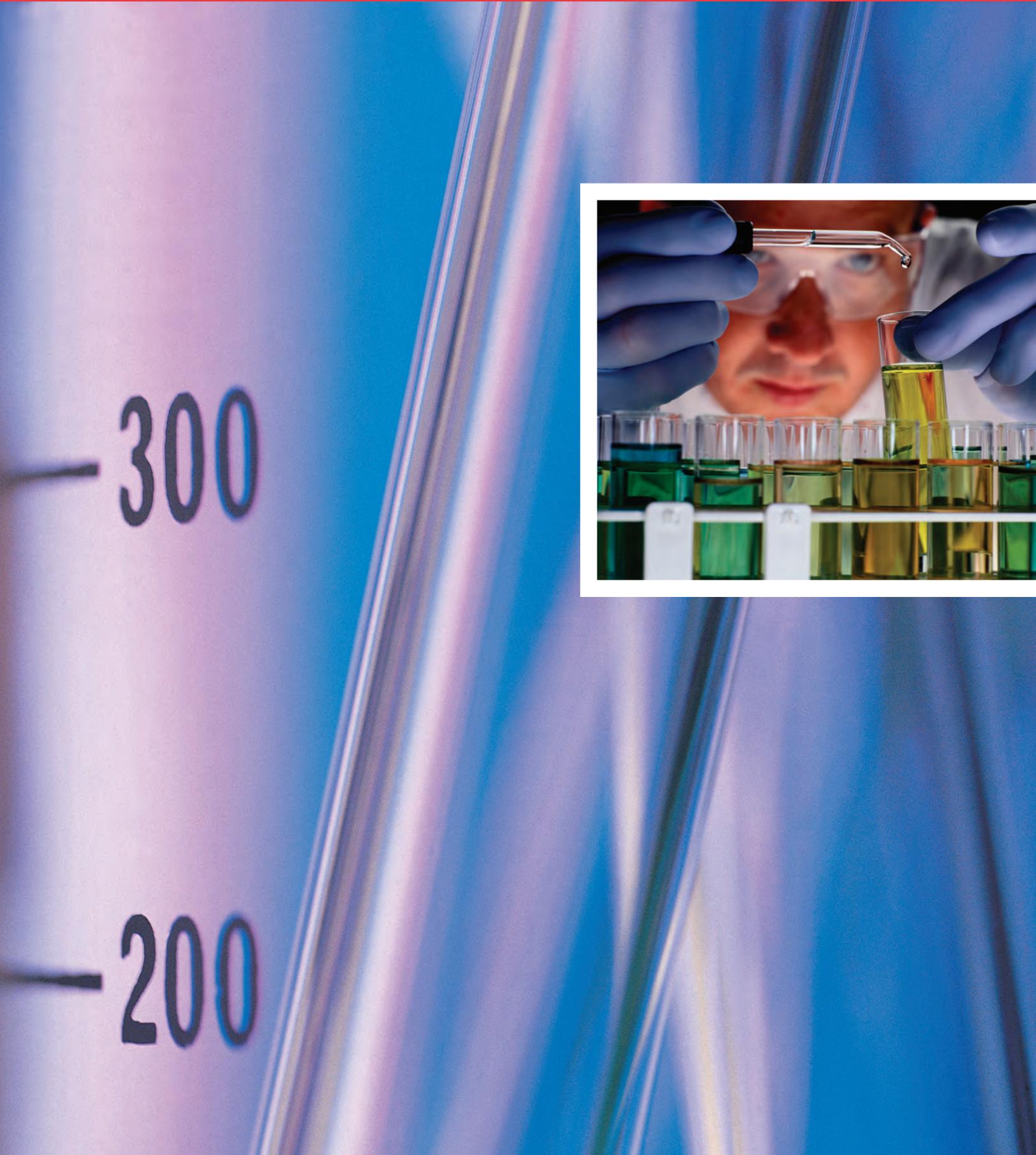
Providing Creative Solutions



# HYDRITE Solutions Brochure



Hydrite



ESTABLISHED IN 1929, HYDRITE is one of the largest independent providers of chemicals and related services in the United States. We are – by education, experience and passion – chemists, whose goal is to deliver 100% customer satisfaction.

Our products are used in many of the products you use and consume daily. We manufacture and supply the ingredients that make your food and beverages more flavorful, the fluoride to treat water and prevent tooth decay, the chemicals to improve water quality, and the cleaners and sanitizers used to enhance the quality of our food supply.

We are proud to partner with hundreds of companies to help them make the safest and best products in the world.

## HYDRITE

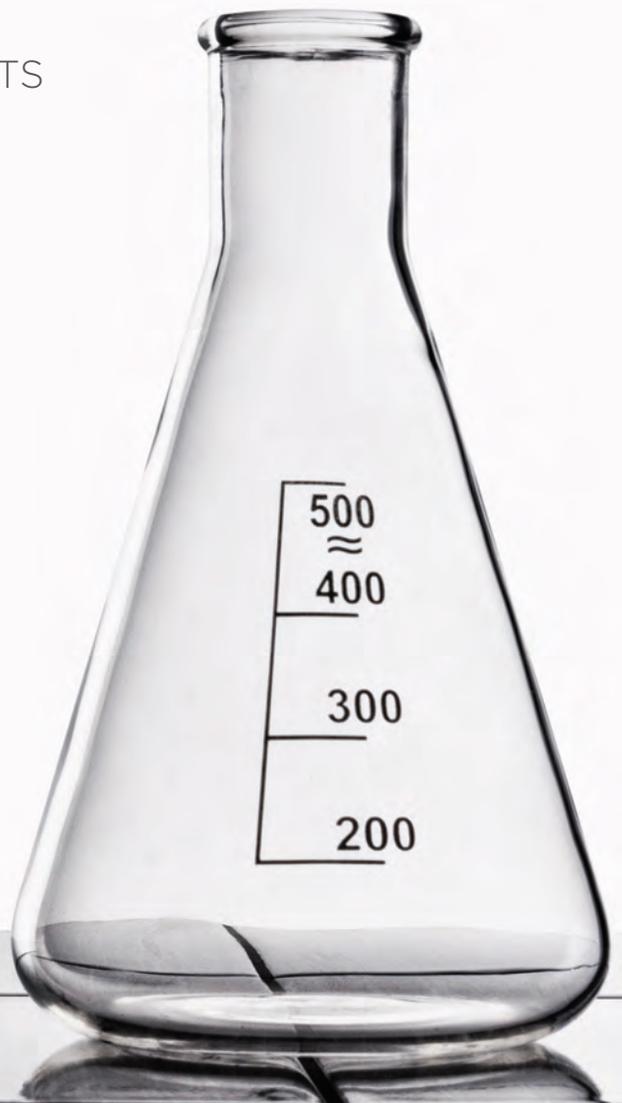
- AGRICULTURAL
- ENERGY
- FOOD PROCESSING
- FOAM CONTROL
- INDUSTRIAL
- MANUFACTURING
- PAINTS & COATINGS
- PULP & PAPER
- SULFUR PRODUCTS
- WATER TREATMENT



# WHY HYDRITE?

Hydrite's strength lies in the technical ability and character of our people, the experience they bring to our organization. We empower our employees to think creatively, investigate options and develop the best solution for your unique operation. With each employee fully supporting our mission, we give you the scientific expertise, innovative technical skills and personal attention you deserve.

OUR MISSION IS TO EMPOWER  
EMPLOYEES TO BE ACCOUNTABLE  
AND RESPONSIBLE FOR THEIR EFFORTS  
AND ATTITUDES TO GUARANTEE  
100% CUSTOMER SATISFACTION.



# MANUFACTURING

Hydrite has extensive manufacturing capabilities, from simple inorganic and organic blending, robust chemical conversions and reactions, to epoxy chemistry and fractional distillation. We have the expertise for your strict requirements. Let us help simplify your chemical handling.

- Organic processing
- Contract/Toll manufacturing
- Graphic arts and coatings



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## ORGANIC PROCESSING

- Esterifications
- Transesterifications
- Polymerizations
- Etherifications
- Alkylations
- Aminations
- Amidations
- Acetylations
- Condensation reactions
- Epoxidation reactions
- Epichlorohydrin derivatives
- Specialty liquid epoxy resins
- Multiple feed tanks
- 2mm of Hg to 150 psi
- 50-60 HP agitator
- GMP protocols
- ISO certification

## CONTRACT/TOLL BLENDING

- Food Grade (FCC), OTC and cGMP blending facilities
- USP purified water
- Heating and cooling capabilities
- Flammable blending
- EPA registrations
- Bulk raw material storage
- Liquid, solid and high melt point additions
- Quality control methods development
- Formulation expertise
- Process improvement - lean manufacturing
- Critical mass buying power



# INDUSTRIAL



#### OUR FACILITIES SUPPORT YOU:

- Over \$30 million in inventory
- Fourteen locations
- Warehouse space totaling 850,000 sq. ft.
- Seven million gallons of bulk tank storage and 80 production vessels
- Private fleet of 288, including tractors, van trailers, tankers and railcars

At Hydrite, we provide highly efficient sourcing and distribution services for a wide range of chemicals. Hydrite has developed valuable partnerships to be able to offer product line breadth and depth. Being a manufacturer as well as a distributor allows us to leverage our volumes together to get the best overall cost.

Toll blending, private labeling, product development, packaging, engineering, formulation, manufacturing, design, fulfillment, shipping and waste management programs are available. Headquartered in Brookfield, Wisconsin, Hydrite has a network of manufacturing facilities, warehouses, and laboratories located in Illinois, Wisconsin, Iowa, Indiana, California, and Texas with over 950 employees in 25 states.

#### INDUSTRIES

- General manufacturing
- Metal finishing
- Pharmaceutical
- Oil and gas
- Water treatment
- Ethanol, energy and biodiesel
- Pulp and paper
- Agriculture
- Personal care
- Paints, coatings, inks and adhesives
- Graphic arts
- Sand & Gravel

#### SERVICES

- Custom manufacturing and blending
- Environmental/Waste management
- Tank Telemetry/Inventory Management



# FOOD INDUSTRY

Optimize your food safety & sanitation and make the best products in the industry.



## INDUSTRIES WE SERVE

DAIRY

FLUID MILK

MEAT

POULTRY

BEVERAGE/BREWING

VEGETABLES AND CANNING

SNACK FOODS

Hydrite offers expertise in chemical manufacturing and distribution, food and dairy sanitation, food ingredients, organic processing, liquid sulfur salts, water treatment, and foam control.

Hydrite is a single-source provider of dry ingredients and liquid chemical additives along with products to assist with increased production. We provide creative solutions to address food safety, operational and equipment efficiency and complete customer satisfaction. We have a comprehensive approach to cleaning and offer a full range of products, such as CIP cleaners, acid rinses, sanitizers, and processing aids.

- Enhance operating profit
- Strengthen processing capacity
- Foster preventative maintenance
- Less time required for cleaning and sanitizing
- Environmental sustainability
- Brand protection
- Employee safety

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#### AREAS OF EXPERTISE

- CIP
- COP
- Foam & manual cleaning
- Membrane filtration systems
- Food ingredients
- Process aids
- Wastewater treatment
- Foam control
- Commodity chemicals
- Intervention chemistry

#### SANITATION CHEMICALS

- CIP and boil out detergents
- COP
- Foam & manual cleaners
- Sanitizers
- Fruit and vegetable blancher cleaners
- Cook kettle cleaners
- Retort & smokehouse cleaners
- Hygiene & janitorial soaps & sanitizers



Hydrite also offers training and educational programs to help increase your knowledge and understanding of food safety, and improve your company's operational efficiencies.





#### INDUSTRIES WE SERVE

ADHESIVES AND GLUES  
CONSTRUCTION  
COOLANTS AND LUBRICANTS  
ETHANOL  
FERMENTATION  
FOOD PROCESSING  
GRAPHIC ARTS  
OIL AND GAS  
PAINTS AND COATINGS  
PULP AND PAPER  
SUGAR PROCESSING  
WATER AND WASTEWATER

## FOAM CONTROL

Hydrite is an integrated manufacturer and supplier of foam control technology for both industrial and food processing.

Our chemists are well versed in foam control technology and eager to help you solve issues associated with foam and entrained air. We provide fully integrated lab services designed to help solve the toughest of foaming issues and provide a professional report detailing the results and solution recommendations. Coupling our strong customer service commitment with our national system of warehouses, manufacturing plants and truck fleet, we can meet or exceed your needs and deliver on our promise of superior service.

#### TECHNOLOGIES

- Petroleum-based
- Silicone emulsions
- Synthetic/Polymeric blends
- Fatty alcohol emulsions
- Ester-based
- Polyol-based

# SULFUR AND AGRICULTURAL PRODUCTS

Hydrite is a national producer and leader in the manufacturing of bisulfite solutions. We currently operate multiple facilities that specialize in the production of potassium bisulfite, potassium thiosulfate, sodium bisulfite, magnesium bisulfite, ammonium bisulfite, and ammonium thiosulfate. Our products are manufactured to be food grade and operate under CGMP.

- Sodium bisulfite
- Ammonium bisulfite
- Magnesium bisulfite
- Potassium sulfite
- Ammonium thiosulfate



## INDUSTRIES WE SERVE

FOOD

WET CORN MILLING

PULP AND PAPER

WATER TREATMENT

HOUSEHOLD AND  
PERSONAL CARE

ETHANOL

PHOTOGRAPHY

HIGH FRUCTOSE CORN SYRUP

FERTILIZER

OIL DRILLING

METAL FINISHING

Year after year, our sulfur salt products show proven success in a variety of industries and applications.



## EQUIPMENT

Our service specialists, technical service and engineering staff can recommend the proper chemical feed and control equipment to ensure safe, accurate and economical chemical use.

- Bulk and tote chemical storage and transfer of detergents and ingredients
  - CIP and boil out detergent feed systems
  - Foam control equipment
  - Foam cleaning equipment
  - Central sanitizing system
  - Central doorway foaming systems
  - Automated membrane chemical feed systems
- 

## SAFETY AND TRAINING

Chemical handling can be hazardous if not done properly. Inherent dangers of industrial chemical handling must be conveyed and understood throughout your organization. Our bilingual bucket tags, safety charts and video training materials reduce the chance of employee accidents and medical claims.

### CONTACT US

Want to know more  
about our products and  
services?

Contact us today!  
262-792-1450



17385 Golf Parkway  
Brookfield, WI 53045  
Phone: 262-792-1450  
Fax: 262-792-8721

[www.hydrite.com](http://www.hydrite.com)