Innovative. Reliable. Sustainable.
The Great Lakes Solutions of today is the culmination of many decades of hard work, innovation and lessons learned, resulting in a business that is positioned to be our customers’ preferred partner for their bromine and phosphorus flame retardant and brominated performance product needs, both today and far into the future.

We provide materials and services for use in electronics, electrical components, building and construction, fine chemicals, agriculture, power generation, transportation, water treatment, the oil and gas industry and more. Great Lakes Solutions is dedicated to providing bromine and phosphorus flame retardants and brominated performance products that are the most innovative and reliable while minimizing the impact on our environment and human health.

For close to a century, we have helped our customers to meet their current needs with a broad portfolio of products and solutions. We are proud of our history, and look forward to helping our customers meet future performance, safety and compliance requirements by refining and redefining our portfolio with new and improved products that maximize sustainability. Our passion to be the best partner to our customers dictates that we deliver solutions that improve the safety of consumer products and enhance production efficiency while keeping a constant focus on sustainability.

Our Heritage

Originally founded in 1933 as McClanahan Oil Company in central Michigan, the Company’s roots were in oil and gas exploration. After a series of acquisitions and mergers, the Company became Great Lakes Oil and Chemical Company in 1950, with interests in petroleum and bromine assets.

With a strategy of withdrawing from the petroleum industry and expanding its bromine operation, the Company became Great Lakes Chemical Corporation. After purchasing several bromine-rich brine wells in Arkansas in 1960, it became a major bromine products company. The Company pioneered new applications for bromine including soil fumigants, herbicides, refrigerants, and flame retardant additives for plastics. Over the next few decades, the Company continued to expand its bromine assets, as well as other chemical offerings, and acquired a number of specialty chemical companies and held partial interests in other companies which diversified the Company. In 1999, the Company acquired its phosphorus flame retardant business from FMC Corporation, creating one of the broadest portfolios of flame retardant products in the industry and creating a platform to balance industry requirements for both bromine and phosphorus flame retardant solutions.

In 2005, Great Lakes Chemical Corporation and Crompton combined to form Chemtura. The combined business became the world’s largest producer of plastics additives and created an even stronger presence in the global plastics market for the Company.

In late 2010, Chemtura introduced Great Lakes Solutions with a mission to build on our strong heritage while introducing innovative products and services that provide differentiation in the marketplace, and greener and sustainable solutions for our customers without sacrificing performance or quality.
Building Our Asset Base

We have grown as a company in many ways. In addition to our long-held bromine assets in Arkansas in the United States, we also have a reliable bromine source in the Dead Sea, giving Great Lakes Solutions a position in the two richest bromine sources in the world. And we will continue to explore and evaluate other opportunities to help us to better meet our customers’ needs. We’re also expanding on our strong phosphorus position for flame retardants in Europe to include other parts of the world, particularly Asia. Our asset strategy remains simple: to offer our global customers the most cost-effective solutions at the highest quality with enhanced levels of service. Our bromine assets in Arkansas and the Dead Sea provide the foundation to support our brominated performance products around the world. During 2010, we invested approximately $45 million in infrastructure to increase the efficiency and reliability of our plants and pipelines and to enhance our ability to serve our global bromine customers by doubling the size of our bromine ISO fleet. This investment will allow us to deliver on the promise of being the premier supplier to the industries we serve.

Reinvesting in Technology: An Investment in Your Success

In addition to strengthening our bromine and phosphorus positions, we have enhanced our abilities to be innovators in the industry. We have invested in three world-class, global research & development Technology Centers in West Lafayette, Indiana, in the United States; Trafford Park in Greater Manchester in England; and Nanjing in the Jiangsu Province of China.

Customers of Great Lakes Solutions benefit from our ability at each Technology Center to provide a host of value-added services including:

- Chemical Synthesis
- Application Research
- Formulation Guidance
- Polymer Processing
- Analytical Testing
- Pilot Process Development
Our management team is experienced and committed, and our business is strong and tied to the same principles as when the Company was first established.

Great Lakes Solutions has financial strength and the support of our parent company, and we have aggressive goals for growth. To achieve this growth, we will continue to make sound investments and attract top talent. We will also continue to add innovative, new products to meet market needs while upholding the highest standards of health and safety.

However, we realize that producing good products isn’t enough. We listen to and partner with our customers to develop solutions that fit their particular needs and also provide a variety of services including a range of programs targeted toward:

- Training in Chemical Handling
- Product Stewardship
- Product Advocacy
- Optimization of Supply Chains
- Process Safety Management

Because we listen to our customers, we are in an excellent position to develop new products and new services. This also puts us in a position to know what customers need in terms of compliance with regulators and advocacy programs.

But what really makes Great Lakes Solutions the superior company we are today is our people. We continue to attract and retain the most experienced people in the industry. We continually invest in our people and have assembled a global, world-class team of professionals starting with senior management and running throughout all levels of our organization.

Great Lakes Solutions builds on our strong heritage and is well-positioned to deliver solutions that perform to your needs, but that also improve the safety of consumer products and enhance production efficiency while keeping a constant focus on sustainability.
We are committed to strong performance—for ourselves and for our customers—and to providing for the safety of our employees, our customers and their customers, as well as meeting industry and environmental sustainability standards and goals. The areas of performance, safety and sustainability permeate our organization and are closely related to make Great Lakes Solutions the business it is today.

We place Product Stewardship first by taking an active, leadership role in many industry organizations:
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www.greatlakes.com

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Material Safety Data Sheets for the products mentioned herein.

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