The Calvert City, Ky. plant produces a number of products used to improve daily life, from enabling safe, efficient food storage to contributing to lightweight materials that conserve energy and improve safety. Our Kynar® PVDF resin is a tough plastic coating used as wire insulation and on the exterior of many buildings. It is also used in high performance piping systems including ultra-pure water systems used in manufacturing computer chips. The Forane® refrigerants we produce are used as coolant in air conditioners and refrigeration equipment. They are also used in insulation for transportation, appliances and construction. We also manufacture hydrochloric acid, used for refining ore, pickling and cleaning metal products, electroplating, and removing scale from boilers. It’s also used as a catalyst and solvent in organic syntheses, in the manufacture of fertilizers and dyes, for hydrolyzing starch and proteins in the preparation of various food products, and in the photographic, textile and rubber industries.

Community involvement

- Calvert City Industrial Mutual Aid Program – Held in coordination with other chemical companies in the area, this program is designed to prepare for, and respond to, natural disasters or accidents.
- Good Neighbor Night – Attended by 1400 neighbors in 2019, this annual open house is where we address neighbors’ questions concerning our plant operations and environmental and safety performance. This event provides an open dialogue between plant neighbors and our employees.
- Community Advisory Team – A facilitator conducts monthly meetings, comprised of a cross-section of local residents and industry representatives, including other chemical plants in the Calvert City area. The Team helps increase dialogue between the community and industry, provides an avenue for information sharing and helps identify and respond to community concerns. Through regular meetings and activities such as plant tours, we are able to regularly educate and update the community on plant activities of interest.
- Science Teacher Program – The plant hosts an annual hands-on science program equipping elementary teachers from area schools with new methods of stimulating scientific interest for their students. Selected teachers participate with plant staff in a three-day mentor program utilizing science kits on a variety of subjects for use in grades 3-6. In addition to the kits, each teacher receives a stipend and each participating school receives an Arkema Foundation donation for science education.

Investment in health, environment and safety

- Purchased additional safety and environmental equipment
- Process upgrades
- New technology
- 34 member emergency response team
- Site uses an automatic telephone system configured to notify neighbors of an emergency situation.

About Arkema

Building on its unique set of expertise in materials science, Arkema offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into three complementary, resilient and highly innovative segments dedicated to Specialty Materials - Adhesive Solutions, Advanced Materials, and Coating Solutions - accounting for some 80% of Group sales, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of €8.7 billion ($9.7 billion) in 2019, and operates in some 55 countries with 20,500 employees worldwide. www.arkema.com.

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