

# OXYCHEM FAST FACTS

# **LEADING PRODUCER**

OxyChem is a leading producer of lifeenhancing chemistry with facilities in the United States, Canada and Latin America. Headquartered in Dallas, OxyChem is a subsidiary of Oxy, an international energy company. OxyChem has a top-tier position both domestically and globally for the principal products that it manufactures and markets.

#### **MARKET LEADER**

OxyChem is a top-tier global producer in every product it produces for applications including water treatment, pharmaceutical, medical and construction that are essential to life for billions of people around the world.

#### **STAR STATUS**

Seventeen OxyChem facilities currently have Star Status, identifying them as among the safest work sites in the U.S. under the Occupational Safety and Health Administration's federal or state Voluntary Protection Programs.

#### **Essential Products**

OxyChem is the largest merchant marketer in the world of chlorine and its co-product, sodium hydroxide (caustic soda). Chlorine is an essential building block in thousands of products that make our lives safer, healthier and more convenient. It plays a vital role in keeping the world's water supplies safe by controlling harmful bacteria and viruses and serves as the base chemistry for a large percentage of pharmaceuticals. Caustic soda has a wide variety of applications in many industries, including water treatment, pulp and paper, aluminum, soaps and detergents, textiles, petrochemicals and chemical processing.

#### No. 1 Producer

OxyChem is the world's largest producer of calcium chloride, a specialty salt that is used to safely control snow and ice buildup on sidewalks, roads and parking lots; suppress dust on unpaved roads; and enhance the performance of products and processes that contribute to the supply of energy, food and other essentials of life.

#### A Global Leader

OxyChem is the second-largest producer in the world of potassium hydroxide (caustic potash), a principal component in fertilizers, batteries, soaps and detergents, and specialty glasses. It will also be a key chemical in Oxy's Direct Air Capture facilities to separate atmospheric carbon dioxide for sequestration and other uses.

# **Silicates**

OxyChem is the second-largest merchant marketer in the U.S. of sodium silicates, with manufacturing facilities in Dallas; Chicago; Cincinnati; Mobile, AL; and Augusta, GA. These facilities have a total capacity to produce approximately 600,000 tons (approximately 544 million kilograms) of silicates annually.

# **Vinyls**

OxyChem manufactures polyvinyl chloride (PVC) resins, vinyl chloride monomer (VCM) and its precursor, ethylene dichloride (EDC). As an industry leader, OxyChem develops and licenses its EDC and VCM technologies to qualified producers around the world. Plants currently using OxyChem's technology constitute more than a third of the world's ethylene-based VCM capacity.

# **Ethylene Cracker**

OxyChem operates a 1.2 billion pound-per-year (more than 544 million kilograms) ethylene cracker at its Ingleside plant in Gregory, TX, along with a pipeline and storage facility in Markham, TX as part of a 50/50 joint venture with Orbia. OxyChem uses the ethylene to manufacture VCM, which Vestolit, a subsidiary of Orbia, uses to produce PVC and PVC piping systems.

#### **INDUSTRY AWARD WINNER**

OxyChem is a four-time winner of the American Chemistry Council's (ACC's) top safety performance award, and has previously been recognized as the Responsible Care® Company of the Year, in recognition of OxyChem's outstanding achievements in environmental, health, safety and security performance.

In 2023, OxyChem received 47 awards from the ACC for safety and environmental performance, and in 2022 the U.S. Department of Energy selected OxyChem as a Better Practice Award winner for innovations in energy efficiency.

# Cogeneration and Hydrogen

Cogeneration power facilities at OxyChem's Ingleside and Battleground plants in Texas and its Taft plant in Louisiana are together capable of generating approximately 1,400 megawatts of electricity—enough to power more than 750,000 homes annually. OxyChem also captures hydrogen as a co-product that we use as a zero-carbon fuel source at our plants and supply to customers.

# **Next-Generation Refrigerants**

OxyChem's Geismar, LA plant manufactures 4CPe using a patented process. This raw material is used in making next-generation, climate-friendly refrigerants. With low global-warming and zero ozone-depletion potential, these refrigerants are used globally in automobiles to reduce emissions.

# Health, Environment, Safety & Security

OxyChem has a long-standing commitment to the protection of our employees, communities and the environment. We believe in safety and health excellence, environmental stewardship and high ethical standards. These key elements are fundamental to the responsible operation of our business.

#### **Habitat Conservation**

Employees at OxyChem's Geismar, LA and Wichita, KS plants have received international recognition for their contribution to wildlife habitat conservation by achieving the Wildlife Habitat Council's Wildlife at Work<sup>SM</sup> certification.

# Pathway to Net Zero

Oxy's climate goals are to achieve net-zero greenhouse gas emissions in our operations and energy use before 2040, with an ambition to do so before 2035, and net-zero emissions from our total carbon inventory, including the use of our products, with an ambition to do so before 2050.

### Safe Drinking Water

Through our partnership with Water Mission, more than one million people have gained access to safe drinking water in Uganda, Kenya, Tanzania, St. Vincent and the Grenadines, Haiti and the Bahamas. We have contributed thousands of pounds of OxyChem's ACL® water disinfection tablets to Water Mission programs that have been used to produce more than 1 billion gallons of clean drinking water. OxyChem's Water Mission partnership was honored with the Social Impact Award from the Vinyl Sustainability Council in 2021 and with the Sustainability Leadership Award from the American Chemistry Council in 2020.

# Visit oxy.com for more information.

