



OXYCHEM PRODUCTS FAST FACTS

MARKET LEADER

OxyChem manufactures essential chemicals for products used in homes, businesses, hospitals, classrooms, athletic venues, roads, food production and more. We're proud to have a leading position in our principal product categories, with a reputation for safety, reliability and sustainability.



Chlorine

Chlorine is used in more than 50% of commercial chemistry. It is an essential building block for safe drinking water, wastewater treatment, pharmaceuticals (including antibiotics, pain relievers and cancer treatments), medical equipment, plastics, dyes, cosmetics, construction materials, shatter-resistant glass, electronics, adhesives, automobile parts (including seat belts) and sports equipment.

Sodium Hydroxide

Commonly known as caustic soda, sodium hydroxide is coproduced with chlorine and has a wide variety of applications in many industries, including water treatment, pulp and paper, aluminum, soaps and detergents, textiles, petrochemicals and chemical processing. Caustic soda is also used in the production of bleach, food processing, battery recycling, pharmaceuticals, drilling muds, petroleum refining and agricultural chemicals.

Potassium Hydroxide

Potassium hydroxide (KOH), or caustic potash, is used by the agricultural, soap and detergent and chemical industries. KOH is a key component of fertilizers and is essential for the efficient growth of crops both domestically and globally to provide high volumes of necessary agricultural products. Other uses for KOH are batteries, molten salts, dyes, pharmaceuticals and specialty glasses. OxyChem's KOH will be an essential chemical in Oxy's Direct Air Capture facilities, facilitating the separation of atmospheric carbon dioxide for sequestration and various other applications.

Vinyl Chloride Monomer

Vinyl chloride monomer (VCM) is the key chemical precursor to polyvinyl chloride (PVC). VCM is produced by chemically reacting chlorine and ethylene, which produces ethylene dichloride (EDC) that is heated to produce VCM.

Polyvinyl Chloride

OxyChem offers a full product line of PVC resins. PVC is widely used in medical applications, piping systems, siding, irrigation and sewer systems, electrical conduits, window frames, water distribution systems, wire and cable insulation, flooring and wallcoverings, fencing, gutters and downspouts, landfill liners and fire-sprinkler piping.

Chlorinated Organics

OxyChem's chlorinated organics are used as chemical feedstocks and intermediates in the manufacturing of climate-friendly refrigerants, silicones, agricultural chemicals, disinfectants and pharmaceuticals. Other applications include metal and electronics cleaning, paint stripping, flexible foam manufacturing and catalyst regeneration.

ACL® Chlorinated Isocyanurates

Chlorinated isocyanurates are leading dry sanitizers used for residential swimming pools and spas, effectively eliminating germs and algae. Their properties also make them an important component of disinfecting materials, dishwashing detergents and industrial water treatment products. OxyChem's chlorinated isocyanurates are approved for routine potable water chlorination.

Silicates

Sodium silicate is the generic name for a series of compounds derived from soluble products produced from sand, soda ash and caustic soda. They serve a wide range of end-use markets, including thermal and acoustical insulation, ceramics, soaps and detergents, paper products, paint and pigments and water treatment.

Calcium Chloride

Calcium chloride is a specialty salt largely used to control snow and ice on sidewalks, parking lots and roads; to suppress dust on unpaved surfaces; and for road stabilization. It has applications in oil field operations, industrial processing, agriculture, water treatment, refrigeration systems and tire weighting. Calcium chloride is also a key component in many food grade applications.

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 and with the Sustainability Leadership Award from the American Chemistry Council.

Visit oxychem.com for more information.