OxyChem Products
Occidental Chemical

OxyChem plant, Convent, Louisiana
Chlorine

One of the most abundant naturally occurring chemical elements, chlorine plays a role in more than 50 percent of all commercial chemistry. It is an essential building block for safe drinking water, waste water treatment, pharmaceuticals (including antibiotics, pain relievers, cancer treatments), plastics, dyes, cosmetics, construction materials, shatter-resistant glasses, bulletproof vests, electronics, adhesives, automobile parts (including seat belts) and sports equipment.

Vinyl Chloride Monomer

Vinyl chloride monomer (VCM) is the key chemical precursor to polyvinyl chloride (PVC). It is produced commercially by combining a hydrocarbon feedstock, namely ethylene, obtained by cracking natural gas or petroleum, with elemental chlorine.

Polyvinyl Chloride

OxyChem offers a full product line of polyvinyl chloride (PVC) resins suitable for most vinyl production applications. 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 feedstock and intermediates in the manufacturing of silicones, agricultural chemicals, refrigerants, quaternary ammonium compounds and pharmaceuticals. Other applications include metal and electronics cleaning, paint stripping, flexible foam manufacturing and catalyst regeneration.

Silicates

Sodium silicate is the generic name for a series of compounds derived from soluble sodium silicate glasses. 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 largely used to control snow and ice on sidewalks, parking lots and roads; to suppress dust on unpaved surfaces; and for road stabilization. Its use has been extended through a variety of innovative applications in oil field operations, industrial processing, agriculture, water treatment, refrigeration systems and tire weighting.

ACL® Chlorinated Isocyanurates

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