

PROFILE



The world is our inspiration

Arkema

A major player
in the global
chemicals industry

€5.7
billion in
sales



18,400
employees

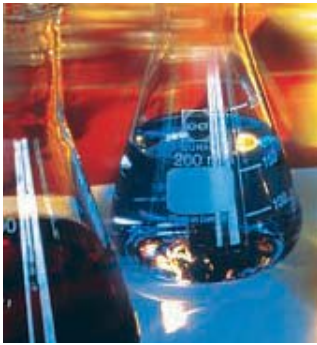


€300
million / year
in investments
on average

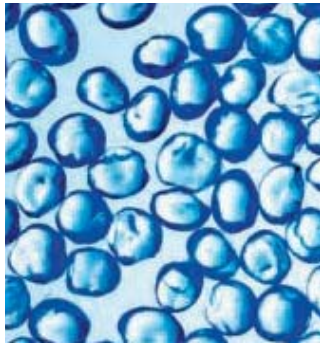


Arkema combines three related and integrated business segments: Vinyl Products, Industrial Chemicals and Performance Products.

Present in more than 40 countries, positioned among European and World leaders in most of its businesses and possessing internationally renowned brands, Arkema is a major player in global chemicals.



90
industrial sites
around the world



3.3%
of sales
invested
in research



1,400
researchers
6 R&D centers
worldwide

3 Business segments

14 Business Units

→ Vinyl Products

Arkema is one of the European leaders in chlorochemicals and vinyl products.

An integrated chain of activity from salt electrolysis to PVC production.

High-performance, specialized manufacturing sites.

Chlorochemicals and PVC: chlorine, soda, vinyl chloride monomer, PVC, chloromethanes, aluminum chloride.

Vinyl compounds: PVC combined with additives such as plasticizers, stabilizers, impact modifiers and dyes.

Alphacan (pipes and profiles): pipes, profiles for windows, cladding and shutters.

→ Industrial Chemicals

Arkema enjoys a leading international position in its intermediate chemicals businesses.

Arkema is a technical leader and innovator in both products and processes.

Its industrial chemicals activities are well integrated with its other businesses.

Acrylics: acrylic acid and esters, methyl methacrylate, oxo alcohols, phthalic anhydride, super-absorbents, plasticizers for PVC.

Altuglas International (PMMA): methyl polymethacrylate in the form of granules and cast and extruded sheets.

Thiochemicals: mercaptans, methylmercaptan and derivatives, thioglycolic acid and esters, amines, oxygenated solvents and additives for rubber processing.

Fluorides: hydrochlorofluorocarbons and hydrofluorocarbons.

Oxygenated products: hydrogen peroxide, sodium chlorate and perchlorate, hydrazine hydrate and derivatives.



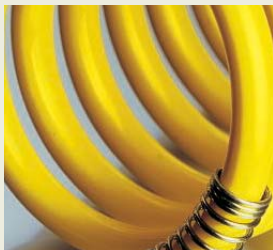
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Performance Products

Arkema benefits from a technological edge and high-profile international brands.

Arkema's innovative R&D program devises solutions for tomorrow's applications.

Our materials push back technical boundaries through leading-edge product design.



Technical polymers: specialty polymers, PVDF and functional polyolefins.

CECA (chemical specialties): surface-active agents and adsorption and filtration agents.

Organic peroxides: polymerization initiators for plastic materials, rubber reticulation agents, hardening agents for polyester resins.

Additives: impact modifiers, heat stabilizers and PVC process aids, glass coating additives, antifouling additives for marine paints, chemical catalysts.

Urea formaldehyde resins: urea-, formalin- and melamine-based resins for the particleboard market.

Cerexagri (agrochemicals): fungicides, insecticides, herbicides, post-harvest protection for fruits and vegetables.

Brands Markets

From water treatment to household cleansers, automotive air conditioning to paper manufacturing, sports equipment to medical supplies, Arkema products are used to produce a wide range of everyday items that improve the quality of life for many.

Norsocryl[®], Orgalloy[®], DMDS, Orgasol[®], Water, Pebax[®], Peroxal[®], Agriculture, Plastistrength[®], Platamid[®], Paper, Rilsan[®], Oxygenated solvents, Rilsan Fine Powder[®], Derivatives of ricin oil, Spotleak[®], Nakan[®], Sports and leisure, Valsterane[®], Vultac[®], Hygiene, Wac[®], Albone[®], Automobiles and transport, Aquakeep[®], Azobul[®], PVDF, Altuglas[®], Clarfer[®], Health and beauty, PVC, Evatane[®], Lotader[®], Sulfonyls, Orevac[®], Chemicals Industry, Fascat[®], Hydrazine hydrate, Forane[®], Kynar[®], Hydrogen peroxide, Lacovyl[®], Luperox[®], Packaging, Siliporite[®], Jarytherm[®], Construction, Certincoat[®], Sunfrost[®], Thermolite[®], DMSO, Durastrength[®], Amines, Nanostrength[®], DMS, Liozan[®], Voltalef[®], Electricity and electronics...



At Arkema, R&D is the nexus of innovation

Arkema has a network of six R&D centers in Europe, the United States and Japan employing 1,400 researchers. Arkema invests more than 3% of sales in R&D each year to develop ever more innovative products, optimize its manufacturing, and develop new processes. Teams at Arkema also work on the longer-term basic research that is necessary for developing the materials of the future.

→ 6 Research centers

Arkema King of Prussia (KOP),
USA/Philadelphia

Center for Studies, Research and
Development and Technical Assistance in
the West (CERDATO), France/Serquigny

Rhône-Alpes Research Center (CRR),
France/Pierre-Bénite

Center for Research and Development
in the East (CRDE), France/Carling

Lacq Research Group (GRL), France/Lacq

Kyoto Technical Center (KTC), Japan/Kyoto

Ensure a long-term future for competitive businesses that respect health, safety and the environment

Industrial safety

Arkema places industrial safety at the heart of its corporate objectives, constantly seeking to eliminate major risks and ensure the safety of people in the workplace. Its internal safety management system is reinforced by expertise in procedure management, technical inspection and safe transport, as well as a program of targeted investments year over year.

Protecting the environment

Arkema has implemented environmental management systems that qualify for external certification — most based on the international ISO 14001 standard. At manufacturing sites, progress toward reducing our environmental impact is regularly checked and reported.

Local relations

Arkema wants to be transparent in its operations and to engage in active dialogue and maintain good relations with its neighbors. The “Common GroundSM” process is an innovative approach to relations between the company, the sites and their neighborhoods.

Customer service

Arkema wants strong partnerships with its customers, mutual advantage through mutual understanding, straightforward communications, clear customer responsibilities, and fast response times — all leading to new products and new applications.

Lacovyl® PVCs give food producers total freedom to design the modern, practical packaging demanded by consumers.



Lacovyl®



Bactivel®

Nothing beats bleach at getting rid of bacteria around the home. Arkema sells its extra pure bleach under the brand name Bactivel®.



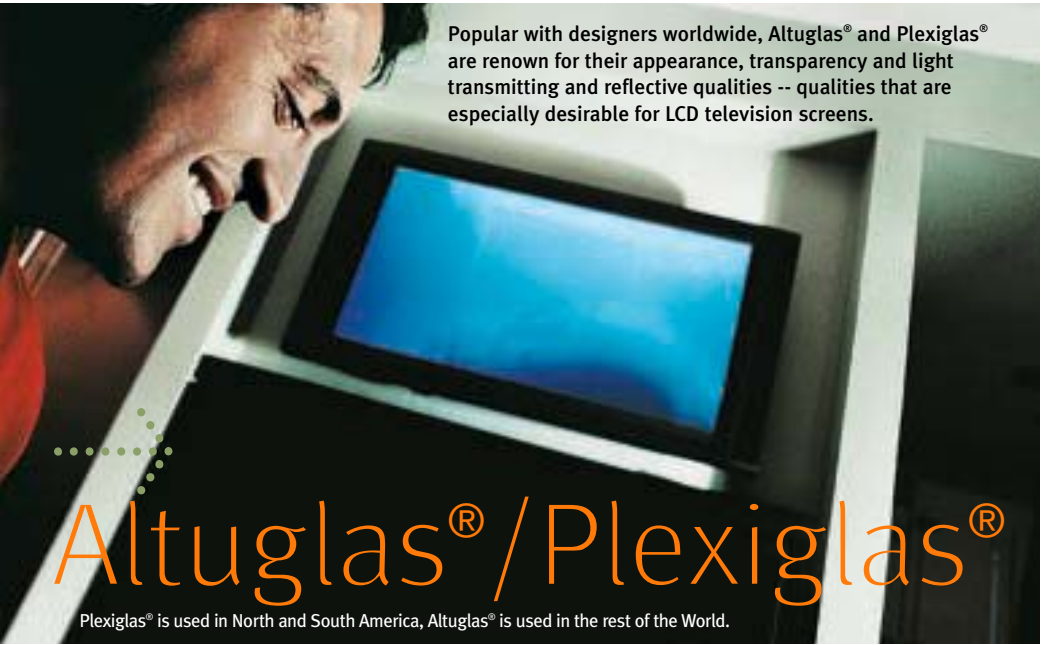
Forane[®]

Forane[®] products are used as solvents for many applications, especially aeronautics and aerospace electronics, which demand high-precision cleaning.

Hydrogen peroxide, or oxygenated water, sold under the brand name Albone[®], is used for bleaching pulp.



Albone[®]




Popular with designers worldwide, Altuglas® and Plexiglas® are renown for their appearance, transparency and light transmitting and reflective qualities -- qualities that are especially desirable for LCD television screens.



Altuglas® / Plexiglas®

Plexiglas® is used in North and South America, Altuglas® is used in the rest of the World.



Kynar 500® is recognized for its outstanding performance as a base for architectural coatings. Its resistance to UV ensures very long lasting colors and a weatherable high gloss finish.

Kynar®





 **Pebax[®]**

Top manufacturers of sports footwear use Pebax[®] for its lightweight, supple qualities and excellent energy return.



Thanks to its unique resistance to hydrocarbons, heat and impact, Rilsan[®] is used in automotive fuel lines from the tank to the engine intake. Rilsan[®] 11, made from castor oil, is a 100% vegetable-based polymer.

 **Rilsan[®]**

Global presence

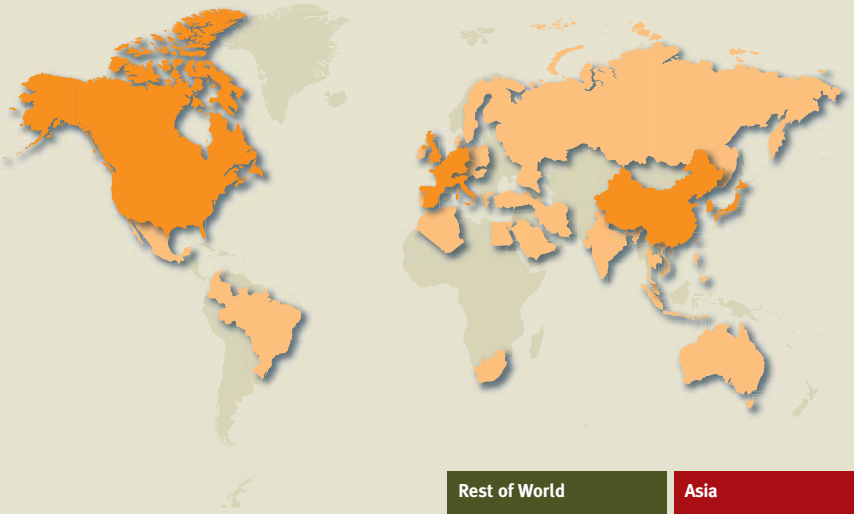
Arkema operates from industrial sites in Europe, North America and Asia, and has commercial subsidiaries in more than forty countries.

North America

25% of sales
20 plants
16% of the workforce

Europe

57% of sales
60 plants
76% of the workforce



Dark Orange Main countries (combined sales = 80% of total)
Light Orange Other significant countries

Rest of World

5% of sales
1% of the workforce

Asia

13% of sales
10 plants
7% of the workforce



External Communications Department
4-8, Cours Michelet - La Défense 10
92091 Paris La Défense Cedex - France

www.arkema.com