



We create chemistry

Committed to your success

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. Through science and innovation we enable our customers in nearly every industry to meet the current and future needs of society. www.basf.com





Monomers

The Monomers division supplies a broad portfolio of large-volume monomers, basic polymers and inorganic chemicals. Major products include MDI (methylene diphenyl diisocyanate), TDI (toluene diisocyanate), caprolactam, adipic acid, polyamide 6 and 6.6, ammonia, nitric acid, sulfur and chlorine products, inorganic salts, urea, melamine, glues and impregnating resins.

Isocyanates

BASF is the world leader in isocyanates, which are key components to produce soft or rigid foams. MDI can be used to make flexible foams as well as semi-rigid and rigid polyurethane plastics. TDI is used primarily in manufacturing of flexible foams.

Polyamides and Precursors

BASF is the world's leading supplier of high-quality polyamides and polyamide intermediates for extrusion, engineering plastics and fibers.

Propylene Oxides and Propylene Glycol

Propylene oxide serves as a base for a wide variety of products, including hydraulic fluids, propylene glycol and polyols. Propylene glycols are used in technical applications as heat-transfer fluids or antifreeze agents, as components for manufacturing fire-resistant brake and hydraulic fluids and as a raw material for airplane de-icing agents. For more stringent requirements, such as those in the cosmetics industry, 1,2-Propylene Glycol USP can be produced in high-purity odorless quality. This opens up other fields of applications in the food and feed industry, the aroma and fragrance chemicals sector and the pharmaceutical industry.

Inorganic Chemicals

Inorganic chemicals are mainly used as precursors for plastics, amines and other high-value chemicals. A product portfolio ranging from basic chemicals to inorganic salts, includes Ammonia, Chlorine, Caustic soda, Nitric acid, Sulfuric acid, Standard alcoholates and Ammonium salts. We are one of the leading suppliers of sodium nitrate (a component for solar thermal power plant storage media), sodium methylate (a catalyst used for the production of biodiesel) and a variety of inorganic salts.

Glues and Impregnating Resins

BASF offers a wide variety of tailor-made glues and impregnating resins, which are used to manufacture many different types of panel boards and laminated flooring for the woodworking industry.

AdBlue

We produce AdBlue®, a high-purity urea solution that is used in trucks and cars to reduce NOX emissions from diesel engines.

Bulk Chemicals

Hydrogen Chloride (liquid)

Hydrogen Chloride is mainly used in the chemical and pharmaceutical industry as a catalyst in numerous applications or as acid or chlorination agent.

Hydrochloric Acid

Used in various applications, including processing ores and manufacturing leather. Also used in the pharmaceutical and chemical industry.

Nitric Acid

This strong oxidation agent is mainly used for etching and for the production of luminescent substances and pure nitrates.

Potassium Sulfite Solution

Mainly used as reducing agent for the photographic industry as well as for water treatment.

Soda Ash

An important basic material and auxiliary for various applications, including bleaching paper, textiles, glass and silicate and diverse processes in the chemical industry.

Sodium Bisulfite Solution

As a reducing agent, Sodium Bisulfite Solution 38-40% Technical Grade is an important basic product for the chemical and pharmaceutical industry. It can also be used in water treatment and in the textile and leather industry.

Sodium Hypochlorite Solution

Used as an oxidation agent, as well as for cleaning and disinfection. Used to bleach paper, cellulose and textiles and for the chlorination of swimming pools.

Sulfuric Acid

Various applications in the pharmaceutical and chemical, metal working, leather and textile industries.

[BASF Monomers](#)

[More information and contact details](#)



Petrochemicals

The Petrochemicals division manufactures and markets a broad portfolio of high-quality basic chemicals and tailored specialties for internal and external customers.

Cracker Products

BASF produces the entire range of cracker products from ethylene and propylene to butadiene, butenes and benzene. Of these, propylene is the most important starting product for BASF's value chains.

Acrylic Monomers

BASF is a technology leader in acrylic acid and the world's largest and most widespread producer of acrylic monomers, which are sold to internal and external customers in the form of acrylic acid, acrylic esters and specialty acrylates.

Ethylene Oxides and Ethylene Glycols

Ethylene oxide, derived from ethylene, is used mainly to produce surfactants, ethanolamines, glycols, glycol ethers and polyols. Ethylene glycol is used in antifreeze applications and for the production of fibers, films and PET (polyethylene terephthalate) plastic bottles.

Plasticizers

As an innovative partner with a wide range of plasticizer products, BASF / BTC offer flexible solutions for our customers' requirements. Plasticizers are used in many different applications, including films, cables, compounds, coatings, flooring, hoses and profiles. Even sensitive applications such as toys, medical equipment, sports and leisure equipment, and food packaging now depend on alternative plasticizers such as Hexamoll® DINCH. We adapt our product portfolio to the needs of a changing market.

Alcohols and Solvents

BASF is one of the world's leading manufacturers of oxygenated solvents and alcohols. They play a key role in the automotive and construction industries, as well as in the production of pharmaceuticals or modern chip and electronics components.

Industrial Gases

Our product portfolio covers a variety of atmospheric gases, synthesis gases and carbon dioxide.

Intermediates

The Intermediates division manufactures about 700 products, including butanediol and its derivatives, amines, organic acids, polyalcohols, life science intermediates, solvents and OASE® gas treatment solutions.

Amines

With about 300 different amines, we have the world's most diverse portfolio of this type of chemical intermediates.

Acids & Polyalcohols

BASF is the world's leading manufacturer of polyalcohols such as neopentylglycol and 1,6 hexanediol, carbonates and carboxylic acids, such as formic and propionic acid. The acids portfolio also includes higher carboxylic acids (HCAs) such as 2-ethylhexanoic acid and isononanoic acid, which are primarily utilized in synthetic lubricants, paint dryer and PVB plasticizer applications.

Acetylenics & Carbonyl derivatives

Specialty acetylenics include vinyl monomers, acetylenic alcohols, and higher alkylpyrrolidones. Chlorine-based intermediates include acid chlorides and chloroformates. Further specialty intermediates are glyoxal, glutaraldehyde, cyclododecanone, triphenylphosphine and imidazoles.

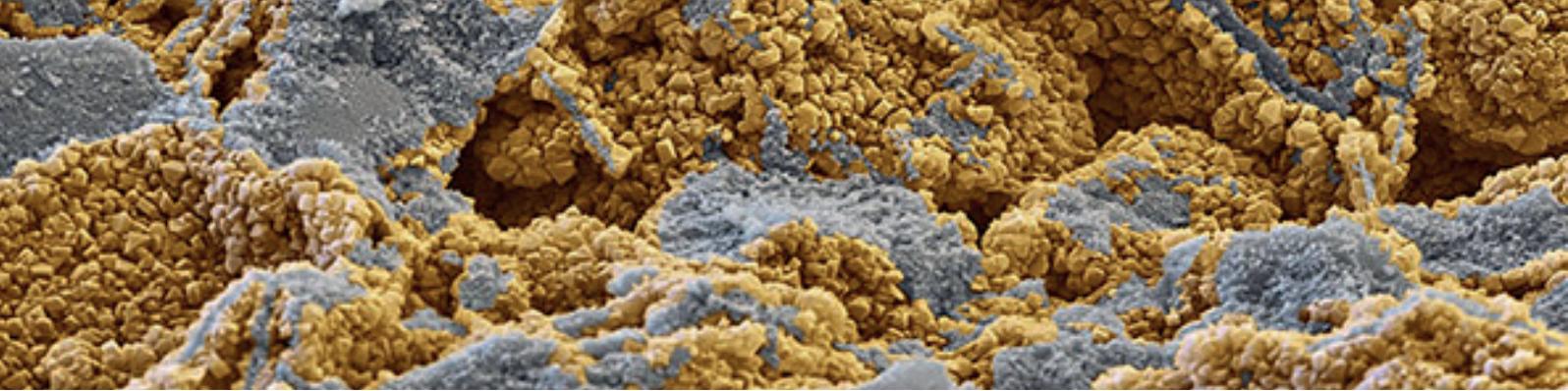
Butanediol and Carbonyl derivatives

BASF is the world's largest manufacturer of 1,4-butanediol, a chemical building block for products such as polyesters and polyurethanes. Its derivatives include PBT, tetrahydrofuran, PolyTHF®, gamma-butyrolactone and N-methylpyrrolidone.

[BASF Petrochemicals](#)

[BASF Intermediates](#)

[More information and contact details](#)



Catalysts

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world, and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

Process Catalysts

Our catalyst products are a vital and strategic part of chemical process technology. Catalysts play a crucial role in 90% of all commercially produced chemical products. Catalysis is a process in which the rate of a chemical reaction is increased by a specific catalyst offering. Each heterogeneous catalyst is specific to a given process and can be tailored to provide a given set of end results – speed of reaction or process, enhanced product attributes, and the selectivity of end products. Choosing the right catalyst for the process is a critical factor for success.

BASF is the leading global manufacturer of catalysts for the chemical industry, with solutions across the chemical value chain. The business also provides oil refining technology catalysts, including fluid catalytic cracking (FCC) catalysts, co-catalysts and additives. It also offers adsorbents, which are used for purification, moisture control and sulfur recovery.

Precious metals

Precious metals constitute a high proportion of the cost of many chemical catalysts. BASF has a dedicated team to manage the supply and trading of precious metals for BASF businesses globally. We can extend this expertise directly to BASF's catalyst customers. The team provides financing and risk management services to help BASF customers procure these high-value commodities and put them to use as efficiently and as cost-effectively as possible. For example, leasing precious metals for a catalyst, rather than purchasing outright, can significantly reduce the capital expenditure required. We can also arrange for advance purchase of metal if a customer wishes to fix some or all of their metal costs ahead of fabrication.

Lubricants

BASF provides components for lubricant solutions for a variety of industry applications but also finished lubricants for transportation and industrial. BASF's high performance base stocks, metal working fluid components and lubricant oil additives offer a broad range of features.

Lubricant Additives

Our Lubricant Additives business produces ashless components and packages to formulate high quality solutions for the lubricant industry in Group I, II, and III base stocks. Our antioxidant, antiwear, and corrosion inhibitor/metal deactivator components are also effective in many synthetic base stock types.

Base Stocks and Components for Metalworking Fluids

BASF is a global supplier of high-performance synthetic esters and PAG lubricant base stocks as well as a major supplier of metalworking fluid components. As one of the world's largest chemical companies, we are committed to supply the lubricants' market with extensive expertise in product development and applications experience to serve all needs.

Polyisobutene

As one of the world's leading producers of Polyisobutene (PIB), we offer the broadest range with different molecular weights. Polyisobutene enhances manufacturing processes and product effectiveness.

[BASF Catalysts](#)

[BASF Lubricants](#)

[BASF Polyisobutene](#)

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