



■ - BASF

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 fibres.

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)

Mainly used in the chemical and pharmaceutical industry as a catalyst in numerous applications or as acid or chlorination agent.

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.

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.

Sulfuric Acid

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



[BASF Monomers](#)

[BASF Bulk Chemicals](#)

[For more information](#)



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.

Alkylene Oxides and Glycols

Due to their high reactivity, they can be further processed into a wide variety of downstream products from PET bottles to functional clothing, detergents and furniture. BASF is the world's largest producer of oxo alcohols and a major producer of oxygenated solvents, including acetates, glycol ethers, glycol ether acetates and specialty solvents.

Plasticizers

BASF manufactures general purpose and special purpose plasticizers, which are used to make rigid PVC flexible.

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.

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.

Amines

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

Acids and 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 and 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 (CDon), triphenylphosphine and imidazoles.

[BASF Petrochemicals](#)

[BASF Intermediates](#)

[For more information](#)



Catalysts

Catalysts play a crucial role in 90% of all commercially produced chemical products. 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.

Process Catalysts

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 catalysts, co-catalysts and additives. It also offers adsorbents, used for purification, moisture control and sulfur recovery.

Battery Materials

BASF is a leading global supplier of advanced cathode active materials (CAM) for the lithium-ion batteries market.

Lubricants

BASF provides compounded lubricant solutions for a variety of applications including transportation and industrial. BASF's high performance base stocks and metal working fluid components are suitable for various application areas in the industrial, transportation and metal working fluid segments. The base stocks (esters and PAGs) and metal working fluid components offer a broad range of features and benefits to the customer's formulations.

Compounded Lubricants

Compounded Lubricants ensure first-class results in terms of gear wear, seal life and fluid oxidation/oil life. With their renewable content, these synthetic lubricants fall into today's class of more carbon-neutral, sustainable technologies.

Lubricants 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 leading global PAG base stocks supplier with strong expertise and broad product range, global production footprint and backward integration into key raw materials for high supply security. As a world leading supplier for polyalkylene glycols (PAGs) for a broad range of applications, the BREOX®, PLURACOL® and PLURASAFE® PAG product range includes both linear and branched alkylene oxide polymers. As a world leading supplier for synthetic esters the SYNATIVE® ester base stocks, based on petrochemical as well as renewable raw materials, have unique tailored molecular structure to achieve desired performance for target application. For the field of metalworking, BASF offers a broad portfolio of lubricity enhancers, non-ionic emulsifiers, foam control agents, coupling agents and solubilizers for use in metalworking fluids.

Polyisobutene

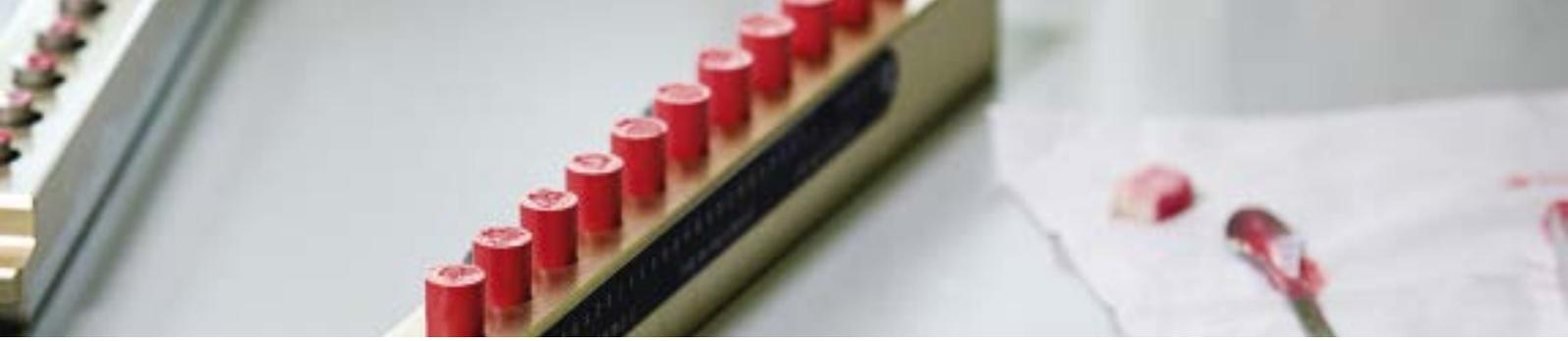
As one of the world's leading producers of PIB, we offer the broadest range of polyisobutenes with different molecular weights. In addition, our biomass balanced versions supports the markets drive to a more sustainable future.

With a unique range of properties, combined in a single product, BASF's polyisobutene product family can enable formulations to provide a water vapor barrier, electrical insulation, good adhesion, viscosity modification, flexibility at low temperatures (cold flow) or no skin irritation.

[BASF Catalysts](#)

[BASF Lubricants](#)

[BASF Polyisobutene](#)



Care Chemicals

Our Care Chemicals division is the leading global supplier to the hygiene, cosmetics, detergent and cleaner industries.

Hygiene

Our hygiene solutions include Superabsorbent polymers used in baby nappies, adult incontinence products and feminine hygiene articles.

Personal Care

We offer high-quality, added-value ingredients for the personal care industry, including surfactants and emulsifiers, polymers, emollients, cosmetic active ingredients and UV filters.

Home care Industrial & Institutional Cleaning

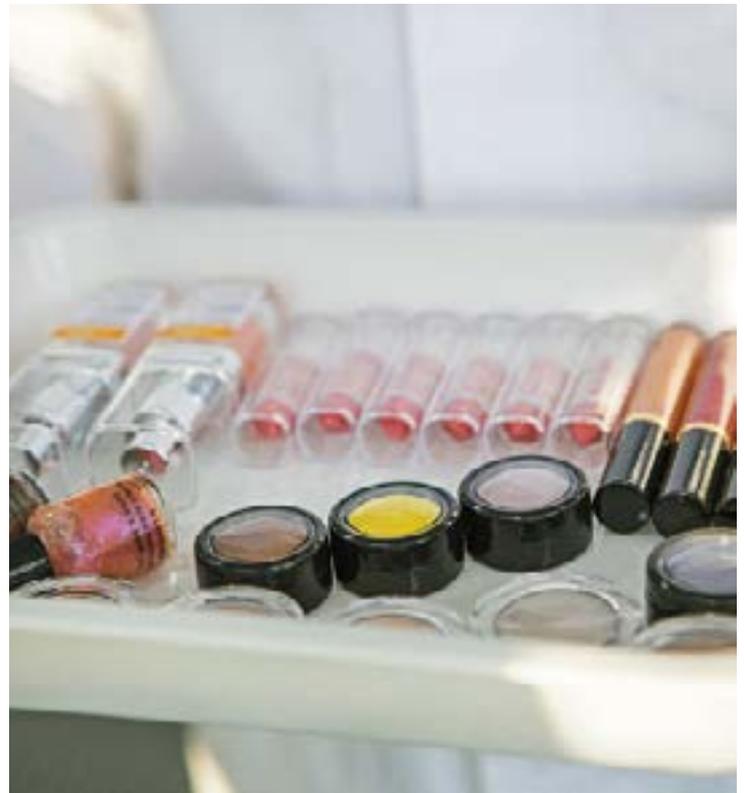
Our wide range of products for detergents and cleaning solutions includes surfactants, enzymes, polymers, chelating agents, biocides, optical effect products, stabilizers and methane sulfonic acid.

Propylene Oxides and Propylene Glycol

Propylene oxide serves as a base for a wide variety of products, including hydraulic fluids, propyleneglycol 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.

Lubricant Additives

As a leading supplier to the lubricant industry, BASF offers a comprehensive portfolio of lubricant oil additives for a broad range of applications. The product offer includes antioxidants, viscosity index improvers, pour point depressants, friction modifiers, anti-wear / extreme pressure additives, corrosion inhibitors, metal deactivators and components for metalworking fluids.



[BASF Care Chemicals](#)

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