CHEMISTRY THAT MATTERS[™]



CHEMICALS

BUSINESS OVERVIEW

AT A GLANCE

SABIC, headquartered in Riyadh, Saudi Arabia, employs more than 32,000 people in around 50 countries, working together to make the building blocks of the modern world ever better, ever more efficiently, and ever more sustainably.





STRATEGIC INDUSTRIES WE SERVE



Our portfolio of high quality agri-nutrients play a vital role in helping to secure adequate global food supply and make it possible to produce more food from less land.



CLEAN ENERGY

SABIC's specialty and polymer products can help create sustainable renewable-energy solutions for the future.



ELECTRICAL & ELECTRONICS

Manufacturers need to make products in a cost-effective manner, yet meet consumers' expectations for style, ease of use and sustainability. Our materials are the foundation for the next generation of electronic devices.



CONSTRUCTION

We provide products to architects and builders who seek solutions to satisfy public demand for environmentally responsible structures while providing design freedom.



MEDICAL DEVICES

We help customers successfully address the challenges facing the industry by providing advanced technologies, a broad product portfolio, and a healthcare policy.



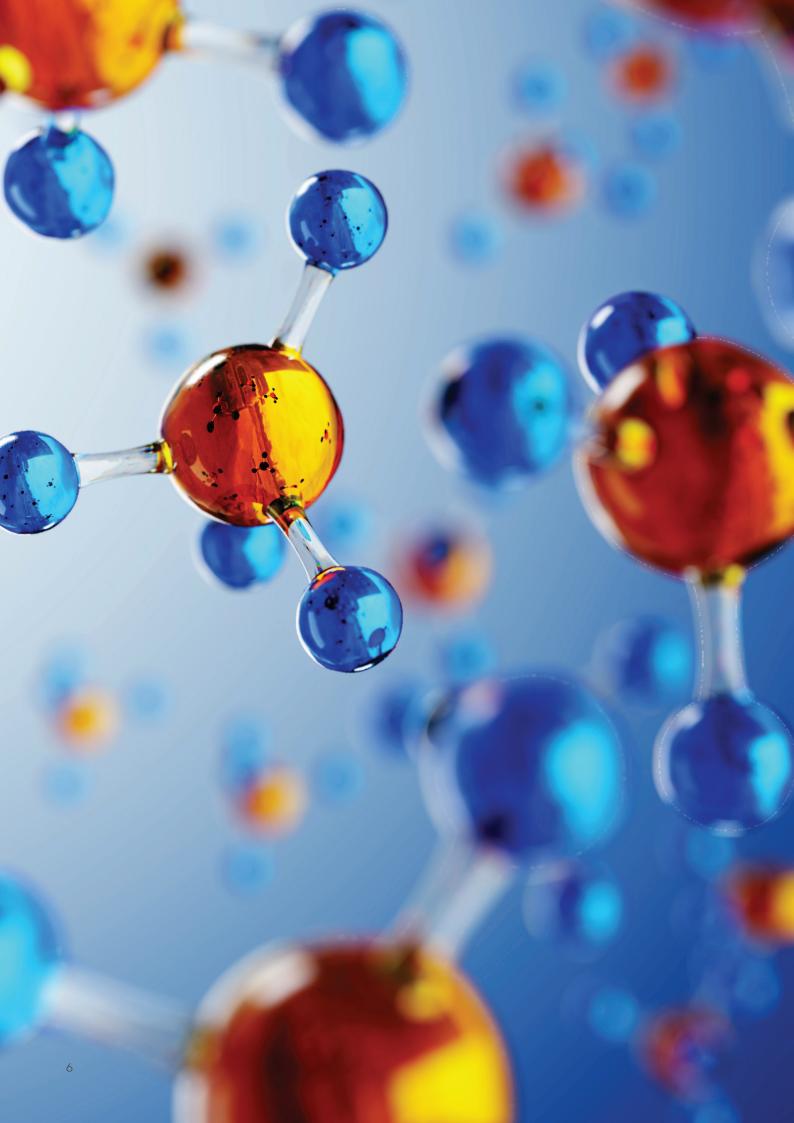
PACKAGING

SABIC polymers seek to help food and drink producers meet their goals while still providing sustainable benefits like lightweighting and environmentally-focused initiatives.



TRANSPORTATION

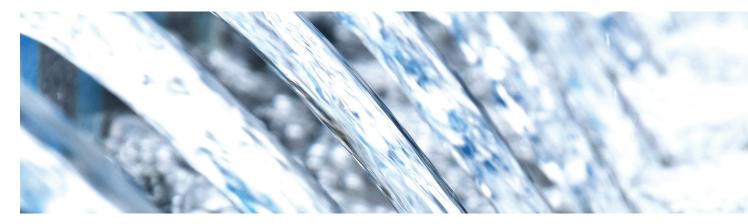
Automobiles, aircraft, rail interiors, heavy-duty trucks and other vehicles require new approaches to meet ever-rising requirements. We put our material, design and technical expertise to work to help OEMs meet this challenge and drive innovation to new levels.



CHEMICALS

SABIC's chemicals portfolio constitutes the most basic building blocks of a large variety of other chemicals and advanced materials, ultimately enabling the manufacture of a vast range of industrial and consumer goods. Thanks to our global investments in the latest technology and our ambition to be the preferred world leader in chemicals, our manufacturing plants produce a wide range of world-class products – glycols, aromatics and derivatives, olefins, and oxygenates, besides a variety of functional chemicals.

PRODUCT PORTFOLIO



CHEMICALS

OLEFINS

- Ethylene
- Propylene
- Butadiene

ETHANOLAMINES

- Monoethanolamine
- Diethanolamine
- Triethanolamine

ETHYLENEAMINE

- Ethylenediamine (EDA)
- Diethylenetriamine (DETA)
- Piperazine (PIP68)

AROMATICS

- Phenol
- Styrene Monomer
- Pygas
- Acetone
- Acetic Acid
- Paraxylene
- Purified Terephthalic Acid

GLYCOLS

- Monoethylene Glycol
- Diethylene Glycol
- Triethylene Glycol

CHLOR-ALKALI

- Ethylene Dichloride
- Caustic Soda

OXO ALCOHOLS & PERFORMANCE MONOMERS

- 2-Ethylhexanol
- Iso-butyraldehyde
- N-butanol
- Iso-butanol
- Dioctyl Phthalate
- Methyl Methacrylate



LINEAR ALPHA OLEFINS

- Butene-1
- Hexene-1 (C6)
- Octene-1 (C8)
- Decene-1 (C10)
- Dodecene-1 (C12)
- C14-C18
- C20+

GASES

- Gaseous Nitrogen
- Liquid Nitrogen
- Gaseous Oxygen
- Liquid Oxygen
- Liquid Argon
- Gaseous Hydrogen
- Liquid Carbon Dioxide
- Crude Krypton

OXYGENATES

- Methanol
- Methyl Tertiary Butyl Ether
- Methyl Tertiary Butyl Ether TX

BUTYL GLYCOL ETHER (BGE)

- Butoxy Glycol Ether (EB)
- Butoxy Di Glycol Ether (DB)
- Butoxy Tri Glycol Ether (BTG)

ETHOXYLATES

- Polyethylene Glycol PEG 200
- Polyethylene Glycol PEG 300
- Polyethylene Glycol PEG 400
- Polyethylene Glycol PEG 400 Pharma
- Polyethylene Glycol PEG 600
- Polyethylene Glycol PEG 600 Pharma
- Natural Alcohol Ethoxylate L1
- Natural Alcohol Ethoxylate L2
- Natural Alcohol Ethoxylate L3
- Natural Alcohol Ethoxylate L7
- Natural Alcohol Ethoxylate L9
- Castor Oil Ethoxylate EL 30
- Castor Oil Ethoxylate EL 40
- Synthetic Alcohol Ethoxylate TA 5
- Synthetic Alcohol Ethoxylate TA 6
- Synthetic Alcohol Ethoxylate TA 7
- Synthetic Alcohol Ethoxylate TA 8
- Synthetic Alcohol Ethoxylate TA 9
- Synthetic Alcohol Ethoxylate TA 10
- Synthetic Alcohol Ethoxylate TA 3070
- Synthetic Alcohol Ethoxylate TA 4070

OLEFINS AT A GLANCE

SABIC is one of the largest producers of Ethylene around the globe with annual capacity of 15MMT





PRODUCT PORTFOLIO

Ethylene Propylene Butadiene Alpha Olefins Butene-1



CAPACITY 20 MMt/A



MANUFACTURING FOOTPRINT

KSA Jubail: PETROKEMYA, UNITED, SAUDI KAYAN, SHARQ

KSA Yanbu: YANSAB, YANPET

Europe: GELEEN, TEESIDE

China: SSTPC

GLYCOLS AT A GLANCE

SABIC is recognized as a global leader in Glycols with a sizeable production and global reach.





PRODUCT PORTFOLIO MEG, DEG, TEG



CAPACITY MEG 6.9 MMt/A DEG & TEG 500 Kt/A



MANUFACTURING FOOTPRINT

KSA Jubail: SHARQ, SAUDI KAYAN, UNITED

KSA Yanbu: YANSAB, YANPET

China: SSTPC

OXYGENATES AT A GLANCE

SABIC is recognized as a global leader in Methanol and MTBE with a sizeable production and global reach.



PRODUCT PORTFOLIO MeOH MTBE

CAPACITY

5.4 MMt/A

3.2 MMt/A



MANUFACTURING FOOTPRINT

MeOH: KSA Jubail: ARRAZI, IBN SINA Bahrain: GPIC

MTBE:

KSA Jubail: IBN-ZAHR, IBN-SINA, PETROKEMYA KSA Yabbu: YANSAB Europe: GELEEN China: SSTPC

FUNCTIONAL CHEMICALS AND AROMATICS AT A GLANCE

SABIC is recognized as a global leader in Styrene with a sizeable production and global reach.



PRODUCT PORTFOLIO

Aromatics: Styrene, Benzene, Phenol, Acetone, Cumene Functional Chemicals: Chlor Alkali, Oxo, MMA, Oleochemicals, Ethyleneamine, Ethanolamine



CAPACITY

Aromatics: Styrene 1,421 Kt/a Benzene 546 Kt/a Phenol 428 Kt/a Acetone 265 Kt/a Cumene 226 Kt/a Functional Chemicals:Chlor Alkali1,501 Kt/aOxo316 Kt/aMMA250 Kt/aOleo195 Kt/aEthanolamine100 Kt/A





MANUFACTURING FOOTPRINT

Aromatics: KSA: Jubail, Yanbu USA: CosMar, Mount Vernon EU: Geleen, Wilton China: SSTPC

Functional Chemicals: KSA: Jubail, Yanbu





PRODUCT APPLICATIONS

PRODUCT	MAIN APPLICATIONS
	LLDPE
	HDPE
Linear Alpha Olefins	Detergents
	Lubricants
	Oil Field Chemicals
	Plasticizers
Iso-butyraldehyde	Paints & Coatings
	Personal care
	Perfume
Dioctyl Phthalate	Cable & Wires
	PVC Pipes
	Hoses
	Roofing Materials
	Paints & Coatings
N-Butanol	Cosmetics
	Leather
	Perfumes
	Industrial Cleaning Solutions
	Lubricants
	Surfactants & Detergents
	Agriculture
	Construction
	Metalworking
	Refineries
thanolamines	Wood Preservatives
	Pharmaceuticals
	Personal Care & Cosmetics
	Water treatment
	Textile
	Oil Field
	Homecare
	Adhesives & sealants
	Asphalt additives
	Concrete admixture
thyleneamine	Epoxy resins for wind turbine blades
thyleneamine	EDA as Polyetheramines
Butoxy Glycol Ether (BGE)	Water treatment as Chelating agents
	Lubricants
	Oil field chemicals
	Active solvent for solvent-based coatings
	Coalescent for industrial water-based coatings
	Coupling agent for architectural water-borne coatings
	Coupling agent and solvent in household and industrial cleaners, rust
	removers, hard surface cleaners, and disinfectants
	Primary solvent in solvent-based silk screen printing inks
	Coupling agent for resins and dyes in water-based printing inks
	Solvent for agricultural pesticides
Ethoxylates	Personal Care & Cosmetics
	Surfactants & Detergents
	Textile
	Paints
	Pharmaceuticals
	Dyes
	Paints & Coatings
	Agriculture
	Plastic Lubricants
	Leather
P-xylene	Terephthalic Acid

PRODUCT	MAIN APPLICATIONS
	Acrylic Sheet
Methyl Methacrylate	Molding Compounds
	Paints & Coatings
	Impact Modifier
Glycols	Polyester resins
	Adhesives
	Paints & Coatings
	Textile
	Paper
	Leather
	Antifreeze
	Construction
	Lubricants
	Water treatment
	Brake fluids
	Oil Field
	Chemicals
	Refining & Energy
	Metallurgy
Industrial Gases Applications	Healthcare
	Glass
	Electronics
	Pulp & Paper
	Raw material for manufacturing of Formaldehyde, Acetic acid,
	Polyacetal, MTBE, Acetaldehyde, Ethanol, Acetic Anhydride, MMA, HCN,
Methanol	Methyl Formate, Methyl, Amines, Polymethyl Phenol, Dimethyl Ether,
	H2 gas, CO gas
	Fuel
МТВЕ	Gasoline blending
	Synthetic Rubbers
	Methyl Methacrylate
	Personcal Care
Acetone	Textile
	Surface Coatings
	Films & Adhesives
	Pharmaceuticals
Phenol	Azo dyes
	Wood preservatives
Ethylene Diebleride	Plastics PVC
Ethylene Dichloride	
Caustc Soda	Detergents
	Water treatment
	Paints
	Chemicals processes
Olefins	Chemicals Manufacturing
	Polymer
	Synthetic Rubbers
Styrene Monomer	Styrene homopolymers and copolymers
	Packaging materials and sheets
lso-butanol	Paints & Coatings
	Personal care
	Perfume
	Plasticizers
2-Ethylehexanol	Adhesives
	Auresives

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