CHEMISTRY THAT MATTERS™

CHEMICALS
BUSINESS OVERVIEW
Headquartered in Riyadh, Saudi Arabia, SABIC employs more than 33,000 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.

- Technology and innovation centers
- Manufacturing and compounding plants
- International subsidiaries and sales offices
- Distribution, storage facilities and logistical hubs

**AT A GLANCE**

<table>
<thead>
<tr>
<th>Country</th>
<th>NET INCOME (SAR)</th>
<th>ASSETS (SAR)</th>
<th>SALES (SAR)</th>
<th>PRODUCTION (METRIC TONS)</th>
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<td>CANADA</td>
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<td>UNITED STATES OF AMERICA</td>
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<td>MEXICO</td>
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<td>ARGENTINA</td>
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5.6 bln  | 310 bln  | 140 bln   | 72.6 mln   |
33,000+ employees around the world
12,540 patent portfolio
A+/stable/A1 highest standalone credit rating
Top 3 chemical brand value
STRATEGIC INDUSTRIES WE SERVE

AGRI-NUTRIENTS
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.
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.
CHEMICALS

OLEFINS
- Ethylene
- Propylene
- Butadiene

ETHANOLAMINES
- Monoethanolamine
- Diethanolamine
- Triethanolamine

AROMATICS
- Benzene
- Styrene Monomer
- Pygas
- Acetone
- Acetic Acid
- Paraxylene
- Purified Terephthalic Acid

GLYCOLS
- Monoethylene Glycol
- Diethylene Glycol
- Triethylene Glycol

CHLOR-ALKALI
- Ethylene Dichloride
- Vinyl Chloride Monomer
- 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)
- Raw Decene-1 (Raw 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

OLEO CHEMICALS

- Fatty Acid C6-C8
- Fatty Acid C8-C10
- Fatty Acid C12-C14
- Fatty Acid C16-C18
- Fatty Acid Light End
- Fatty Acid Matter
- Glycerin Refined USP
- Glycerin Technical
- Glycerin Heavies
- Fatty Alcohol C8-C10
- Fatty Alcohol C12-C14
- Fatty Alcohol C16-C18
- Fatty Alcohol Light End
- Fatty Alcohol Heavies
- Fatty Alcohol Hydrocarbon
- Natural Alcohol Ethoxylates
- Synthetic Alcohol Ethoxylates
- Castor Oil Ethoxylates
- Polyethylene Glycols
SABIC is one of the largest producers of Ethylene around the globe with annual capacity of 15MMT

**OLEFINS AT A GLANCE**

**PRODUCT PORTFOLIO**
- Ethylene
- Propylene
- Butadiene

**GLOBAL RANK**
- Ethylene #2 (6.7%)
- Propylene #6 (2.5%)
- Butadiene #7 (3.1%)

**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 the global leader in Glycols with a sizeable production and global reach.

PRODUCT PORTFOLIO
MEG, DEG, TEG
Ethanolamine
Industrial Gases

CAPACITY
MEG 6.9 M Mt/A
DEG & TEG 500 Kt/A
Ethanolamine 100 Kt/A
Gases 12 M Mt/A

GLOBAL MARKET SHARE
21%

MANUFACTURING FOOTPRINT
KSA Jubail: SHARQ, SAUDI KAYAN, UNITED, GAS
KSA Yanbu: YANSAB, YANPET, GAS
China: SSTPC
**OXYGENATES AT A GLANCE**

**MeOH**: Strategic product for SABIC and is one of the top three producers globally.

**MTBE**: Strategic product for SABIC and is the largest producer globally.

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**PRODUCT PORTFOLIO**

MeOH

MTBE

**CAPACITY**

5.4 MMt/A

3 MMt/A

**GLOBAL MARKET SHARE**

5% MS

MeOH

13% MS

MTBE

**MANUFACTURING FOOTPRINT**

**MeOH**:

KSA Jubail: ARRAZI, IBN SINA

Bahrain: GPIC

**MTBE**:

KSA Jubail: IBN-ZAHR, IBN-SINA, PETROKEMYA

Europe: GELEEN

China: SSTPC
Aromatics is truly global with global production, sales and sourcing.
• SABIC is one of largest global Benzene Buyers.
• 3rd Global merchant Styrene seller and the 5th largest global producer.

FC portfolio contributing significantly to KSA local downstream and one of the main enablers of 2030 Kingdom’s diversification economy.

PRODUCT PORTFOLIO
Aromatics:
- Styrene, Benzene, Phenol, Acetone, Cumene

Functional Chemicals:
- Chlor Alkali, Oxo, Butene-1, MMA, LAO, Oleochemicals

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 Alkali 1,501 Kt/a
- Oxo 316 Kt/a
- Butene-1 280 Kt/a
- MMA 250 Kt/a
- LAO 150 Kt/a
- Oleo 140 Kt/a

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

Functional Chemicals:
- KSA: Jubail, Yanbu
# PRODUCT APPLICATIONS

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<th>PRODUCT</th>
<th>MAIN APPLICATIONS</th>
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</tbody>
</table>
| Methyl Methacrylate | Acrylic Sheet  
Molding Compounds  
Paints & Coatings  
Impact Modifier |
| Glycols | Polyester resins  
Adhesives  
Paints & Coatings  
Textile  
Paper  
Leather  
Antifreeze  
Construction  
Lubricants  
Water treatment  
Brake fluids  
Oil Field |
| Industrial Gases Applications | Chemicals  
Refining & Energy  
Metallurgy  
Healthcare  
Glass  
Electronics  
Pulp & Paper |
| Methanol | Raw material for manufacturing of Formaldehyde, Acetic acid, Polyacetal, MTBE, Acetaldehyde, Ethanol, Acetic Anhydride, MMA, HCN, Methyl Formate, Methyl, Amines, Polymethyl Phenol, Dimethyl Ether, H2 gas, CO gas  
Fuel |
| MTBE | Gasoline blending |
| Acetone | Personal Care  
Textile  
Surface Coatings  
Films & Adhesives |
| Acetic Acid | Textile  
Photographic Film  
Inks & dyes  
Rubbers & Plastics  
Pesticides |
| Benzene | Lubricants  
Detergents  
Rubbers  
Dyes  
Drugs  
Pesticides |
| Ethylene Dichloride | PVC  
Detergents |
| Caustic Soda | Water treatment  
Paints  
Chemicals processes |
| Olefins | Chemicals Manufacturing  
Polymer  
Synthetic Rubbers |
| Styrene Monomer | Styrene homopolymers and copolymers  
Packaging materials and sheets |
| P-xylene | Terephthalic Acid |
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