

Isoprene (CAS 78-79-5) Market Research Report 2025

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Abstracts

Isoprene (CAS 78-79-5) Market Research Report 2025 presents comprehensive data on Isoprene markets globally and regionally (Europe, Asia, North America etc.)

The report includes Isoprene description, covers its application areas and related patterns. It overviews Isoprene market, names Isoprene producers and indicates its suppliers.

Besides, the report provides Isoprene prices in regional markets.

In addition to the above the report determines Isoprene consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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capacities and production

consumption volume and structure

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exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Isoprene (CAS 78-79-5) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Isoprene (CAS 78-79-5) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name:	Isoprene
Synonyms:	2-Methyl-1,3-butadiene
CAS#:	78-79-5
Formula:	C ₅ H ₈
Molecular Weight:	68.12

Isoprene (2-Methylbutadiene, 2-Methyl-1,3-butadiene, 2-Methylbutadiene, 1,3-Butadiene, etc.) is an organic compound with the molecular formula C₅H₈ and molecular weight 68.11. Isoprene is a colorless volatile liquid with a mild and aromatic smell. The compound with the boiling point of 34 °C is toxic and extremely flammable. Isoprene is miscible with acetone, ethanol, benzene, ethyl ether. The compound is produced by various trees such as poplars, oaks, eucalyptus into the atmosphere.

Isoprene can be produced by the industrial process of thermal decomposition of natural rubber. It is industrially available as a side product in the production of ethylene and as a byproduct of the thermal cracking of naphtha or oil.

The lion's share of all industrially produced isoprene is used to manufacture polyisoprene. Polyisoprene is utilized in the production of baby bottle nipples, medical equipment, tyres, threads for golf balls, etc. Isoprene is widely employed as a chemical intermediate or monomer in various applications. Moreover, the product can be found in paints, adhesives, coatings.

Isoprene can cause irritation of eyes and skin. The gastrointestinal irritation characterized by vomiting, diarrhea and nausea is a side effect of isoprene. Inhalation of the product can lead to the irritation of the respiratory tract, suffocation, asphyxiation or even depression of central nervous system. Laboratory studies with animals showed that the product can potentially produce cancer in humans.

Isoprene market is covered in the study Isoprene (CAS 78-79-5) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks isoprene market situation, names manufacturers, suppliers as well as users. The report also provides current isoprene prices in the market.

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