

Ethyl difluoroacetate (CAS 454-31-9) Market Research Report 2025

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Abstracts

Ethyl difluoroacetate (CAS 454-31-9) Market Research Report 2025 presents comprehensive data on Ethyl difluoroacetate markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Ethyl difluoroacetate prices in regional markets.

In addition to the above the report determines Ethyl difluoroacetate 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).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Ethyl difluoroacetate (CAS 454-31-9) 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 Ethyl difluoroacetate (CAS 454-31-9) 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: Ethyl difluoroacetate
Synonyms: Ethyl difluoroacetic

CAS#: 454-31-9
Formula: $C_4H_6F_2O_2$
Molecular Weight: 124.09

Ethyl difluoroacetate (ethyl 2,2-difluoroacetate) is a fine chemical product with the molecular formula $C_4H_6F_2O_2$. It is a colorless transparent liquid with a sweet odour; insoluble in water and boiling at 97 °C.

Ethyl difluoroacetate is mainly used as agrochemicals intermediate or pharmaceuticals intermediate to produce agrochemicals & animal nutrition, health, personal and home care products.

Among other patented uses of this product is the preparation of microspheres. According to the invention, a drug-containing polymer microsphere may be prepared quickly and simply without the solvent evaporation or solvent extraction process, thereby reducing water consumption and minimizing wastewater generation.

Ethyl difluoroacetate is also used in preparing pyrazolo-pyrimidine derivatives. For instance, 7-difluoromethyl-5-(4-trifluoromethyl-phenyl)-pyrazolo[1,5-a]pyrimidine-3 carboxylic acid is made from a stirred solution of ethyl difluoroacetate in tert-butyl-methyl-ether with a solution of sodium methanolate in methanol and a solution of commercially available 4-trifluoromethyl-acetophenone in tert-butyl-methyl-ether.

No component of ethyl difluoroacetate present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Ethyl difluoroacetate market is covered in the study Ethyl difluoroacetate (CAS 454-31-9) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks ethyl difluoroacetate market situation, names manufacturers, suppliers as well as users. The report also provides current ethyl difluoroacetate prices in the market.

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