

Beta-Sitosterol (CAS 83-46-5) Market Research Report 2025

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Abstracts

Beta-Sitosterol (CAS 83-46-5) Market Research Report 2025 presents comprehensive data on Beta-Sitosterol markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Beta-Sitosterol prices in regional markets.

In addition to the above the report determines Beta-Sitosterol 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

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market forecast.

Beta-Sitosterol (CAS 83-46-5) 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).

Contents

1. BETA-SITOSTEROL (CAS 83-46-5)

- 1.1. General information, synonyms
- 1.2. Composition, chemical structure
- 1.3. Safety information
- 1.4. Hazards identification
- 1.5. Handling and storage
- 1.6. Toxicological & ecological information
- 1.7. Transport information

2. BETA-SITOSTEROL APPLICATIONS

- 2.1. Beta-Sitosterol application spheres, downstream products

3. BETA-SITOSTEROL MANUFACTURING METHODS

4. BETA-SITOSTEROL PATENTS

- Abstract
- Description
- Summary of the invention
- Detailed description of the invention

5. BETA-SITOSTEROL MARKET WORLDWIDE

- 5.1. General Beta-Sitosterol market situation, trends
- 5.2. Manufacturers of Beta-Sitosterol
 - Europe
 - Asia
 - North America
 - Other regions
- 5.3. Beta-Sitosterol suppliers (importers, local distributors)
 - Europe
 - Asia
 - North America
 - Other regions

5.4. Beta-Sitosterol market forecast

6. BETA-SITOSTEROL MARKET PRICES

6.1. Beta-Sitosterol prices in Europe

6.2. Beta-Sitosterol prices in Asia

6.3. Beta-Sitosterol prices in North America

6.4. Beta-Sitosterol prices in other regions

7. BETA-SITOSTEROL END-USE SECTOR

7.1. Beta-Sitosterol market by application sphere

7.2. Beta-Sitosterol downstream markets trends and prospects

*Please note that Beta-Sitosterol (CAS 83-46-5) 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: Beta-Sitosterol

Synonyms:

beta-Sitosterol

B-sitosterol

Phytosterol

Beta Sitosterol

(3S,8S,9S,10R,13R,14S,17R)-17-[(2R,5R)-5-Ethyl-6-methyl-2-heptanyl]-10,13-dimethyl-2,3,4,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthren-3-ol

22,23-Dihydrostigmasterol

24?-Ethyl-?5-cholestene-3?-ol

5-Cholestene-24?-ethyl-3?-ol

Campesterin

Stegmasterin

Stigmast-5-en-3?-ol

?-Phytosterol

?-Cytosterin

?-Sitosterol

CAS#: 83-46-5

Formula: $C_{29}H_{50}O$

Molecular Weight: 414.71

Beta-sitosterol (Quebrachol; Triastonal; alpha-Dihydrofucosterol; Angelicin; Sitosterol; Cupreol; etc.) is a phytosterol with the molecular formula $C_{29}H_{50}O$ and molecular weight 414.70. The product exists as a white powder or solid with a characteristic smell. Beta-sitosterol is hydrophobic, soluble in alcohols and insoluble in water. The product has a melting point of 136-140 °C. Beta-sitosterol is found in vegetables, fruits, seeds and nuts.

The product is employed to boost the immune system, to prevent colon cancer, to treat the common cold and, and flu, psoriasis, asthma, tuberculosis, etc. Beta-sitosterol reduces blood levels of cholesterol. The product can be used for enlarged prostate and symptoms of menopause. Moreover, it can be utilized to enhance sexual activity. Furthermore, beta-sitosterol finds its application in treating wounds and burns.

Direct contact of the product with eyes can result in transient discomfort or slight abrasive damage. Accidental ingestion of beta-sitosterol may produce acute gastrointestinal tract irritation accompanied by cough, salivation, nausea, diarrhea, burning of the mouth and stomach. Prolonged or repeated inhalation of the product can lead to respiratory discomfort and distress. Headache, nausea, wheezing, shortness of breath are also amid the symptoms caused by the inhalation of beta-sitosterol. Long-term exposure to the product may provoke changes in lung function.

Beta-sitosterol market is covered in the study Beta-Sitosterol (CAS 83-46-5) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks beta-sitosterol market situation, names manufacturers, suppliers as well as users. The report also provides current beta-sitosterol prices in the market.

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