

Perfluorodecalin (CAS 306-94-5) Market Research Report 2025

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Abstracts

Perfluorodecalin (CAS 306-94-5) Market Research Report 2025 presents comprehensive data on Octadecafluorodecahydronaphthalene markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Octadecafluorodecahydronaphthalene prices in regional markets.

In addition to the above the report determines Octadecafluorodecahydronaphthalene 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.

Perfluorodecalin (CAS 306-94-5) 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. OCTADECAFLUORODECAHYDRONAPHTHALENE (CAS 306-94-5)

- 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. OCTADECAFLUORODECAHYDRONAPHTHALENE APPLICATIONS

- 2.1. Octadecafluorodecahydronaphthalene application spheres, downstream products

3. OCTADECAFLUORODECAHYDRONAPHTHALENE MANUFACTURING METHODS

4. OCTADECAFLUORODECAHYDRONAPHTHALENE PATENTS

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

5. OCTADECAFLUORODECAHYDRONAPHTHALENE MARKET WORLDWIDE

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

- Other regions

5.4. Octadecafluorodecahydronaphthalene market forecast

6. OCTADECAFLUORODECAHYDRONAPHTHALENE MARKET PRICES

6.1. Octadecafluorodecahydronaphthalene prices in Europe

6.2. Octadecafluorodecahydronaphthalene prices in Asia

6.3. Octadecafluorodecahydronaphthalene prices in North America

6.4. Octadecafluorodecahydronaphthalene prices in other regions

7. OCTADECAFLUORODECAHYDRONAPHTHALENE END-USE SECTOR

7.1. Octadecafluorodecahydronaphthalene market by application sphere

7.2. Octadecafluorodecahydronaphthalene downstream markets trends and prospects

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About

Product Name: Octadecafluorodecahydronaphthalene

Synonyms:

Octadecafluorodecalin

Perflunafene

Perfluorodecahydronaphthalene

Perfluorodecalin

CAS#: 306-94-5

Formula: $C_{10}F_{18}$

Molecular Weight: 462.08

Perfluorodecalin (cis-Perfluorodecalin; Octadecafluorodecalin; trans-Perfluorodecalin; Perflunafene; Perflunafenum; Perfluorodecaline-cis) is a fluorocarbon and derivative of decalin. Perfluorodecalin has a molecular formula $C_{10}F_{18}$ and molecular weight 462.07. The product melts at $-10^{\circ}C$ and boils at $142^{\circ}C$. Perfluorodecalin occurs as clear, colorless liquid that is insoluble in water.

The product is mainly utilized in the cosmetics industry. It finds its application as a skin conditioning agent and solvent in the manufacturing of beauty products. Moreover, perfluorodecalin is an important component of important artificial blood. The product is employed in medicine as a perfusion liquid and as a component in ointments and liquids used for skin treatment and care.

Perfluorodecalin causes eye irritation or even chemical conjunctivitis and corneal damage. On contact with the skin, it produces irritation and dermatitis. Moreover, perfluorodecalin may provoke cyanosis of the extremities. Inhalation of the product can lead to the gastrointestinal tract irritation or CNS depression. Perfluorodecalin causes irritation of the respiratory tract if inhaled. Besides, inhalation may result in pulmonary edema and burning sensation in the chest.

Perfluorodecalin market is covered in the study Perfluorodecalin (CAS 306-94-5) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks

perfluorodecalin market situation, names manufacturers, suppliers as well as users. The report also provides current perfluorodecalin prices in the market.

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