

# Fluorene (CAS 86-73-7) Market Research Report 2025

<https://marketpublishers.com/r/FF84433ED91EN.html>

Date: May 2025

Pages: 56

Price: US\$ 2,200.00 (Single User License)

ID: FF84433ED91EN

## Abstracts

Fluorene (CAS 86-73-7) Market Research Report 2025 presents comprehensive data on Fluorene markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Fluorene prices in regional markets.

In addition to the above the report determines Fluorene 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.

Fluorene (CAS 86-73-7) 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. FLUORENE (CAS 86-73-7)**

- 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. FLUORENE APPLICATIONS**

- 2.1. Fluorene application spheres, downstream products

### **3. FLUORENE MANUFACTURING METHODS**

### **4. FLUORENE PATENTS**

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

### **5. FLUORENE MARKET WORLDWIDE**

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

#### 5.4. Fluorene market forecast

### **6. FLUORENE MARKET PRICES**

#### 6.1. Fluorene prices in Europe

#### 6.2. Fluorene prices in Asia

#### 6.3. Fluorene prices in North America

#### 6.4. Fluorene prices in other regions

### **7. FLUORENE END-USE SECTOR**

#### 7.1. Fluorene market by application sphere

#### 7.2. Fluorene downstream markets trends and prospects

\*Please note that Fluorene (CAS 86-73-7) 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: Fluorene

Synonyms:

2,3-Benzindene

9H-alpha-Diphenylenemethane

Diphenylenemethane

Methane, diphenylene

o-Biphenylenemethane

Industrial Fluorenone

2,2'-Methylenebiphenyl

CAS#: 86-73-7

Formula:  $C_{13}H_{10}$

Molecular Weight: 166.22

Appearance: White leaflets. Fluorescent when impure.

Usage: Chemical intermediate in numerous misc applications & in formation of polyradicals for resins.

Fluorene (or 9H-Fluorene) is a member of polycyclic aromatic hydrocarbon (PAH) (or polynuclear hydrocarbon), with two benzene rings fused to cyclopentane ring. It has a molecular formula of  $C_{13}H_{10}$  and a melting point between 116-117°C. This small white or pink crystal is insoluble in water but soluble in some organic compounds like ethanol, diethyl ether, benzene, carbon disulfide, etc.

On a commercial basis, fluorine is obtained from from middle oil fraction of coal tar, but it can also be prepared by dehydrogenation of diphenylmethane.

Fluorine is a precursor to other fluorene compounds that have useful functions such as light and temperature sensitivity, heat resistance, conductivity, emittability, corrosion resistance and detection of amino groups.

Fluorene family compounds are base materials for dyes and optical brightening agents, and are used in the applications of thermo and light sensitizer, liquid crystal chemistry, luminescence chemistry, spectrophotometric analysis, molecular chemistry, organometallic-complexes and biochemorphology industry.

Fluorene-9-carboxylic acid, for example, is a precursor to pharmaceuticals. 2-Aminofluorene, 3,6-bis-(dimethylamino) fluorene, and 2,7-diiodofluorene are precursors to dyes. 9-fluorenylmethyl chloroformate (Fmoc chloride) is used to introduce the 9-fluorenylmethyl carbamate (Fmoc) protecting group on amines in peptide synthesis.

Industrial fluorene market is covered in the study Industrial Fluorene (CAS 86-73-7) Market Research Report 2012. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks industrial fluorene market situation, names manufacturers, suppliers as well as users. The report also provides current industrial fluorene prices in the market.

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