

# 1-OCTENE (CAS 111-66-0) Market Research Report 2025

<https://marketpublishers.com/r/10930727015EN.html>

Date: May 2025

Pages: 70

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

ID: 10930727015EN

## Abstracts

1-OCTENE (CAS 111-66-0) Market Research Report 2025 presents comprehensive data on 1-OCTENE markets globally and regionally (Europe, Asia, North America etc.)

The report includes 1-OCTENE description, covers its application areas and related patterns. It overviews 1-OCTENE market, names 1-OCTENE producers and indicates its suppliers.

Besides, the report provides 1-OCTENE prices in regional markets.

In addition to the above the report determines 1-OCTENE 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.

1-OCTENE (CAS 111-66-0) 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 1-OCTENE (CAS 111-66-0) 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:	1-OCTENE
Synonyms:	1-Octene
	Caprylene
	Octylene
CAS#:	111-66-0
Formula:	C <sub>8</sub> H <sub>16</sub>
Molecular Weight:	112.21

1-OCTENE, also known as caprylene, alpha-Octene, octylene, 1-Caprylene, refers to an organic compound with the molecular formula C<sub>8</sub>H<sub>16</sub> and the molecular weight of 112.21. The product is amid the most important linear alpha olefins in industry.

1-Octene is a colorless liquid with a gasoline-like smell. The boiling point of 1-Octene is 122-123 °C. The compound is insoluble in water, partially soluble in acetone and very slightly soluble in methanol.

1-Octene is manufactured by oligomerization of ethylene and by Fischer-Tropsch synthesis. Before 1970s, the product was prepared by thermal cracking of waxes. 1-Octene is stable, highly flammable, incompatible with strong oxidizing agents and acids. The product reacts vigorously with strong oxidizing agents. 1-Octene demonstrates low toxicity.

1-Octene is mainly used in the manufacturing of linear low density polyethylene (LLDPE) as a comonomer. Besides, it is utilized in the processing of plasticizers, surfactants, pulp and paper, lubricants, synthetic acids, alpha-olefin epoxides and rubber processing chemical.

Aspiration hazard; skin, eyes and respiratory tract irritation are amid potential health effect of 1-Octene. Redness of eyes, lachrymation, blurred vision, chemical pneumonitis, headaches, dizziness, drowsiness, incoordination, slurred speech, slowed reaction time, giddiness are amid side effects of 1-Octene after prolonged or repeated exposure.

1-OCTENE market is covered in the study 1-OCTENE (CAS 111-66-0) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks 1-OCTENE market situation, names manufacturers, suppliers as well as users. The report also provides current 1-OCTENE prices in the market.

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