

# Natural gamma-decalactone (CAS 706-14-9) Market Research Report 2025

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## Abstracts

Natural gamma-decalactone (CAS 706-14-9) Market Research Report 2025 presents comprehensive data on Natural gamma-decalactone markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Natural gamma-decalactone prices in regional markets.

In addition to the above the report determines Natural gamma-decalactone 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:

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consumption volume and structure

market price trends

exports and imports

existing technologies

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market news digest

market forecast.

Natural gamma-decalactone (CAS 706-14-9) 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 Natural gamma-decalactone (CAS 706-14-9) 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:	Natural gamma-decalactone
Synonyms:	2(3H)-Furanone, 5-hexyldihydro- 5-Hexyloxolan-2-one Decanolide-1,4 gamma-n-Hexyl-gamma-butylolactone Hydroxydecanoic acid gamma-lactone Gamma-Decalactone, Natural GAMMA DECALACTONE NAT. GAMMA-DECALACTONE GAMMA-DECALACTONE 1,4-Decanolide 4-Hexyl-4-butanolide 4-Hexyl-4-hydroxybutanoic acid lactone 4-Hydroxydecanoic acid lactone ?-Decalactone
CAS#:	706-14-9
Formula:	$C_{10}H_{18}O_2$
Molecular Weight:	170.25
Appearance:	Clear, colorless liquid.

Gamma-decalactone (otherwise referred to as 4-decanolide, or decanolide-1,4) is an aroma compound with the molecular formula  $C_{10}H_{18}O_2$  and a sweet, fruity, peach-like odor. The boiling point of gamma-decalactone is  $281^{\circ}C$ . It is a clear, colorless to pale yellow liquid that is soluble in hydrocarbon, alcohol and esters. Naturally, gamma-decalactone occurs in peach, apricot or strawberry flavors, bilberry, plums, cheese, milk, rum and wines and other fermented products.

Gamma-decalactone is chemically stable at room temperature under normal handling and storage conditions. Gamma-decalactone is produced from ricinoleic acid by immobilized cells of *Sporidiobolus salmonicolor*.

Gamma-decalactone is essential for the formulation of fruit flavors and flavors for beverage, personal care, pharmaceutical and household goods.

Following direct contact, the chemical can cause eye, skin and respiratory irritation. Kidney damage and peripheral neuropathy, progressive nervous system, muscle spasms, weakness and pain in the arms and legs are some other side effects of exposure to gamma-decalactone.

Gamma-decalactone market is covered in the study Gamma-Decalactone, Natural (CAS 706-14-9) Market Research Report 2013. The report encompasses an extensive description of the product, unveils its application areas, and briefly summarizes patents in the sphere. It overlooks gamma-decalactone market situation, profiles of manufacturers, suppliers as well as users.

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