

# Gamma-Decalactone, Natural (CAS 706-14-9) Market Research Report 2024

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## Abstracts

Gamma-Decalactone, Natural (CAS 706-14-9) Market Research Report 2024 presents comprehensive data on Gamma-Decalactone, Natural markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Gamma-Decalactone, Natural prices in regional markets.

In addition to the above the report determines Gamma-Decalactone, Natural 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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market forecast.

Gamma-Decalactone, Natural (CAS 706-14-9) Market Research Report 2024 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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## About

Product Name:	Gamma-Decalactone, Natural
Synonyms:	2(3H)-Furanone, 5-hexyldihydro- 5-Hexyloxolan-2-one Decanolide-1,4 gamma-n-Hexyl-gamma-butylolactone Hydroxydecanoic acid gamma-lactone GAMMA DECALACTONE NAT. GAMMA-DECALACTONE GAMMA-DECALACTONE Natural 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°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 2023*. 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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