

# Peroxyacetic Acid (CAS 79-21-0) Market Research Report 2025

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## Abstracts

Peroxyacetic Acid (CAS 79-21-0) Market Research Report 2025 presents comprehensive data on Peroxyacetic Acid markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Peroxyacetic Acid prices in regional markets.

In addition to the above the report determines Peroxyacetic Acid 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.

Peroxyacetic Acid (CAS 79-21-0) 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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## About

Product Name: Peroxyacetic Acid

Synonyms:

Peroxyacetic acid

Peracetic Acid

Acetyl hydroperoxide

Ethaneperoxoic acid

Peracetic acid

CAS#: 79-21-0

Formula:  $C_2H_4O_3$

Molecular Weight: 76.05

Peracetic acid (estosteril, ethaneperoxoic acid, peroxyacetic acid, acetic peroxide) is an organic peroxide (a mixture of acetic acid and hydrogen peroxide in a watery solution with the) molecular formula  $C_2H_4O_3$ . Peracetic acid is a bright, colorless, clear liquid with a pungent smell and a low pH value (2,8). This organic peroxide is soluble in water and can be highly corrosive. However, peracetic acid is not corrosive to stainless steel and aluminium. Peracetic acid is stable and affective at pH values 1-9. The acid produces no foam and has a low surface tension.

Peracetic acid is produced by a reaction of hydrogen peroxide with acetic acid and by oxidation of acetaldehyde. Usual concentration of peracetic acid is from 5% to 15%. Degradation products of peracetic acid (hydrogen peroxide and acetic acid) that then fall into water, oxygen and carbon dioxide that are non-toxic and soluble in water.

Peracetic acid is an environmentally safe and powerful oxidant. Sanitizing properties of the product are higher and more affective if compared with chlorine, chlorine dioxide or quaternary products.

The acid is utilized as a cleanser and disinfectant in the food industry. The product easily deactivates a variety of pathogenic microorganisms, viruses and spores. Besides, peracetic acid is extensively used in medical facilities, agricultural premises and home

bathrooms for disinfection. The product was registered for water purification. Peracetic acid is also applied for the epoxidation of various alkenes.

Peracetic acid can cause severe irritation and burns of eyes, skin and gastrointestinal tract. Nausea, vomiting, dizziness and suffocation are amid other potential health effects of peracetic acid.

Peracetic acid market is covered in the study *Peracetic Acid (CAS 79-21-0) Market Research Report 2013*. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks peracetic acid market situation, names manufacturers, suppliers as well as users. The report also provides current peracetic acid prices in the market.

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