

# N-Butyric acid(n-Butanoic acid) (CAS 107-92-6) Market Research Report 2024

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## Abstracts

N-Butyric acid(n-Butanoic acid) (CAS 107-92-6) Market Research Report 2024 presents comprehensive data on N-Butyric acid(n-Butanoic acid) markets globally and regionally (Europe, Asia, North America etc.)

The report includes N-Butyric acid(n-Butanoic acid) description, covers its application areas and related patterns. It overviews N-Butyric acid(n-Butanoic acid) market, names N-Butyric acid(n-Butanoic acid) producers and indicates its suppliers.

Besides, the report provides N-Butyric acid(n-Butanoic acid) prices in regional markets.

In addition to the above the report determines N-Butyric acid(n-Butanoic acid) consumers in the market.

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N-Butyric acid(n-Butanoic acid) (CAS 107-92-6) 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: N-Butyric acid(n-Butanoic acid)

Synonyms:

(3R,4S)-1-Benzoyl-3-(1-methoxy-1-methylethoxy)-4-phenyl-2-azetidione

Butyric acid

Natural Butyric Acid

N-Butyric acid

Butyric acid nat.

Butanoic acid

Propanecarboxylic acid

Propylformic acid

CAS#: 107-92-6

Formula:  $C_4H_8O_2$

Molecular Weight: 88.11

N-Butyric acid (butanoic acid, butyric acid, butyrate, ethylacetic acid, n-Butanoic acid, n-Butyric acid, propylformic acid, Butanic acid, butanoate, 1-Butyric acid, Buttersaeure, 2-butanoate, butoic acid, 1-propanecarboxylic acid, Acid, Butanoic, Acid, Butyric) is an organic compound with the molecular formula  $C_4H_8O_2$ . It is a colorless, oily liquid with unpleasant and rancid odor and a butter-fat taste. N-butyric acid is a carboxylic acid with the molecular weight 88.10. The boiling point of the product is 163.5 °C. N-butyric acid is slightly soluble in carbon tetrachloride but is miscible with ethanol.

The product is obtained as a by-product from the liquid phase oxidation of n-butane to acetic acid, by oxidation of n-butyl alcohol or normal-butyraldehyde or fermentation of starches and molasses with selective enzymes. N-butyric acid is also processed from n-propanol and carbon monoxide at 200 atm in the presence of  $Ni-(CO)_4$  and  $Ni-I_2$ .

The acid is widely utilized as a precursor to biofuels, as an alternative fuel source. The product is used in the production of cellulose acetate butyrate plastics. The esters of the acid are used in beverages, foods and cosmetic industry as fragrant and flavoring agents. Furthermore, n-butyric acid is considered to possess anticancer effects. The product is utilized in the pharmaceutical and chemical industries.

N-butyric acid market is covered in the study N-Butyric acid (CAS 107-92-6) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks n-butyric acid market situation, names manufacturers, suppliers as well as users. The report also provides current n-butyric acid prices in the market.

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