

N-Caproic acid (Hexanoic acid) (CAS 142-62-1) Market Research Report 2025

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Abstracts

N-Caproic acid (Hexanoic acid) (CAS 142-62-1) Market Research Report 2025 presents comprehensive data on N-Caproic acid (Hexanoic acid) markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides N-Caproic acid (Hexanoic acid) prices in regional markets.

In addition to the above the report determines N-Caproic acid (Hexanoic 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).

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N-Caproic acid (Hexanoic acid) (CAS 142-62-1) 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: N-Caproic acid (Hexanoic acid)

Synonyms:

N-caproic acid

2,56 DECADIENAL

Natural Hexanoic Acid

Hexanoic acid nat.

HEXANOIC ACID

Hexanoic Acid , Natural

1-Pentanecarboxylic acid

Caproic acid

Hexanoic acid

CAS#: 142-62-1

Formula: $C_6H_{12}O_2$

Molecular Weight: 116.16

Hexanoic acid (commonly known as caproic acid), a 6-carbon fatty acid, is one of a series of similar fatty acids found naturally in animal fats and oils; or made synthetically (e.g. from the oxidation of octanol). This clear to light yellow oily liquid is insoluble to slightly soluble in water, with a melting point of $-3^{\circ}C$ and a flash point between $202-203^{\circ}C$. Hexanoic acid occurs as a free acid or salt, as well as in the form of an ester. The salts and esters of this acid are known as hexanoates or caproates.

The chemical formula for hexanoic acid is written as $CH_3(CH_2)_4COOH$, and sometimes as $C_6H_{12}O_2$. Hexanoic acid, along with the other two similar acids ??“ caprylic (C8) and capric (C10), is present in significantly higher proportions in goat milk than in cow milk and is responsible for the characteristic goat-like odor.

The primary use of hexanoic acid is in the manufacture of its esters for artificial flavors, and in the manufacture of hexyl derivatives such as hexylphenols.

Hexanoic acid derivatives are inhibitors of the dipeptidyl peptidase-IV (DPP-IV) enzyme and they are useful in the treatment or prevention of diseases in which this enzyme is involved ??“ particularly in the treatment of type 2 diabetes and conditions associated with the same.

The demand for fatty acids, hexanoic acids in particular, is going up worldwide. The growth is driven by the increasing use of these acids as well as their derivatives as ingredients in environmentally improved versions of lubricants, paints and detergents. Ongoing consumer demand for natural ingredients in food, cosmetics and toiletries also supports gains.

N-caproic acid (hexanoic acid) market is covered in the study N-Caproic acid (Hexanoic acid) (CAS 142-62-1) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks n-caproic acid (hexanoic acid) market situation, names manufacturers, suppliers as well as users. The report also provides current n-caproic acid (hexanoic acid) prices in the market.

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