

# Nitromethane (CAS 75-52-5) Market Research Report 2025

<https://marketpublishers.com/r/N7733E1A707EN.html>

Date: May 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: N7733E1A707EN

## Abstracts

Nitromethane (CAS 75-52-5) Market Research Report 2025 presents comprehensive data on Nitromethane markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Nitromethane prices in regional markets.

In addition to the above the report determines Nitromethane 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.

Nitromethane (CAS 75-52-5) 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).

## Contents

### **1. NITROMETHANE (CAS 75-52-5)**

- 1.1. General information, synonyms
- 1.2. Composition, chemical structure
- 1.3. Safety information
- 1.4. Hazards identification
- 1.5. Handling and storage
- 1.6. Toxicological & ecological information
- 1.7. Transport information

### **2. NITROMETHANE APPLICATIONS**

- 2.1. Nitromethane application spheres, downstream products

### **3. NITROMETHANE MANUFACTURING METHODS**

### **4. NITROMETHANE PATENTS**

- Abstract
- Description
- Summary of the invention
- Detailed description of the invention

### **5. NITROMETHANE MARKET WORLDWIDE**

- 5.1. General Nitromethane market situation, trends
- 5.2. Manufacturers of Nitromethane
  - Europe
  - Asia
  - North America
  - Other regions
- 5.3. Nitromethane suppliers (importers, local distributors)
  - Europe
  - Asia
  - North America
  - Other regions

#### 5.4. Nitromethane market forecast

### **6. NITROMETHANE MARKET PRICES**

#### 6.1. Nitromethane prices in Europe

#### 6.2. Nitromethane prices in Asia

#### 6.3. Nitromethane prices in North America

#### 6.4. Nitromethane prices in other regions

### **7. NITROMETHANE END-USE SECTOR**

#### 7.1. Nitromethane market by application sphere

#### 7.2. Nitromethane downstream markets trends and prospects

\*Please note that Nitromethane (CAS 75-52-5) 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: Nitromethane

Synonyms:

Nitromethane(Methyl Nitrobenzene)

Nitrocarbol

CAS#: 75-52-5

Formula:  $\text{CH}_3\text{NO}_2$

Molecular Weight: 61.04

Nitromethane (also known as nitrocarbol, nitrometan, NMT, and NM) is the simplest organic nitro compound with the chemical formula  $\text{CH}_3\text{NO}_2$ . It is a slightly viscous, highly polar liquid, soluble in water, alcohol, ether, acetone, and dimethylformamide; melting at  $-29\text{ }^\circ\text{C}$  and boiling at  $101.2\text{ }^\circ\text{C}$ . When heated, nitromethane is unstable. It also forms an explosive sodium salt that bursts into flame on contact with water.

Nitromethane was first prepared in 1872 by Kolbe, and is produced commercially by high temperature vapour-phase nitration of propane. The process, which uses nitric acid as the nitrating agent, is based on a free-radical reaction in which the active species is the  $\text{NO}_2$  radical.

Nitromethane is used as a synthesis intermediate for nitromethane derivatives, agricultural fumigants, biocides, and other products; as a solvent; and, in mixtures with ammonium nitrate, as an explosive in mining, oil-well drilling, and seismic exploration. It is also used as a fuel or fuel additive to increase the power output of rockets, racing cars, boats, and model engines.

Nitromethane is structurally related to other nitro compounds, 2-nitropropane and tetranitromethane, that have been evaluated by IARC and considered to be possibly carcinogenic to humans. The mechanism of carcinogenicity for nitromethane and these other nitro compounds is not known; however, it has been hypothesized that reactive radicals may play a key role in their carcinogenicity.

Nitromethane market is covered in the study Nitromethane (CAS 75-52-5) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks

nitromethane market situation, names manufacturers, suppliers as well as users. The report also provides current nitromethane prices in the market.

## I would like to order

Product name: Nitromethane (CAS 75-52-5) Market Research Report 2025

Product link: <https://marketpublishers.com/r/N7733E1A707EN.html>

Price: US\$ 2,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N7733E1A707EN.html>