

# EPSILON-CAPROLACTONE (CAS 502-44-3) Market Research Report 2025

<https://marketpublishers.com/r/EFB2A34307CEN.html>

Date: May 2025

Pages: 70

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

ID: EFB2A34307CEN

## Abstracts

EPSILON-CAPROLACTONE (CAS 502-44-3) Market Research Report 2025 presents comprehensive data on  $\epsilon$ -Hexalactone markets globally and regionally (Europe, Asia, North America etc.)

The report includes  $\epsilon$ -Hexalactone description, covers its application areas and related patterns. It overviews  $\epsilon$ -Hexalactone market, names  $\epsilon$ -Hexalactone producers and indicates its suppliers.

Besides, the report provides  $\epsilon$ -Hexalactone prices in regional markets.

In addition to the above the report determines  $\epsilon$ -Hexalactone 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.

EPSILON-CAPROLACTONE (CAS 502-44-3) 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. $\epsilon$ -HEXALACTONE (CAS 502-44-3)

- 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. $\epsilon$ -HEXALACTONE APPLICATIONS

- 2.1.  $\epsilon$ -Hexalactone application spheres, downstream products

### 3. $\epsilon$ -HEXALACTONE MANUFACTURING METHODS

### 4. $\epsilon$ -HEXALACTONE PATENTS

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

### 5. $\epsilon$ -HEXALACTONE MARKET WORLDWIDE

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

#### 5.4. $\epsilon$ -Hexalactone market forecast

### 6. $\epsilon$ -HEXALACTONE MARKET PRICES

#### 6.1. $\epsilon$ -Hexalactone prices in Europe

#### 6.2. $\epsilon$ -Hexalactone prices in Asia

#### 6.3. $\epsilon$ -Hexalactone prices in North America

#### 6.4. $\epsilon$ -Hexalactone prices in other regions

### 7. $\epsilon$ -HEXALACTONE END-USE SECTOR

#### 7.1. $\epsilon$ -Hexalactone market by application sphere

#### 7.2. $\epsilon$ -Hexalactone downstream markets trends and prospects

\*Please note that EPSILON-CAPROLACTONE (CAS 502-44-3) 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:                ?-Hexalactone

Synonyms:

2-Oxepanone

2-Oxohexamethylene oxide

6-Hexanolactone

6-Hexanolide

6-Hydroxyhexanoic acid ?-lactone

?-Caprolactone

?-Hexalactone

CAS#:                         502-44-3

Formula:                     $C_6H_{10}O_2$

Molecular Weight:        114.14

Epsilon-caprolactone (2-Oxepanone, Epsilon-caprolactone, 6-Hexanolactone, 6-Hexanolide, Hexan-6-olide, hexano-6-lactone, E-Caprolactone, oxepan-2-one) refers to a cyclic ester, a member of the lactone family. Epsilon-caprolactone is a clear colorless liquid with low viscosity and the molecular formula  $C_6H_{10}O_2$ . The product dissolves in most organic solvents. The molecular weight of epsilon-caprolactone is 114.14. Epsilon-caprolactone is produced by the process that uses a high strength oxidizing agent to produce a high purity peracetic acid.

Epsilon-caprolactone is effectively utilized in the manufacturing of poly-caprolactone. Epsilon-caprolactone is used to modify resins and polymers in order to enhance the performance of the end-products. Epsilon-caprolactone is also utilized for the modification of acrylic resins, polyesters, epoxy resins and polyurethanes. Furthermore, epsilon-caprolactone is used as reactive diluent and as a solvent.

Epsilon-caprolactone causes severe eyes damage, inflammation of skin, contact dermatitis. In some persons epsilon-caprolactone may entail respiratory tract irritation,

drowsiness and dizziness, loss or slowing of reflexes, lack of coordination and vertigo. Coughing and nausea, central nervous depression with headache and dizziness, fatigue are amid other health hazards of the product. Long-term or repeated exposure to the product may cause cumulative health effects.

Epsilon-Caprolactone market is covered in the study EPSILON-CAPROLACTONE (CAS 502-44-3) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks epsilon-caprolactone market situation, names manufacturers, suppliers as well as users. The report also provides current epsilon-caprolactone prices in the market.

## I would like to order

Product name: EPSILON-CAPROLACTONE (CAS 502-44-3) Market Research Report 2025

Product link: <https://marketpublishers.com/r/EFB2A34307CEN.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/EFB2A34307CEN.html>