

P-tert-octylphenol (CAS 140-66-9) Market Research Report 2024

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Abstracts

P-tert-octylphenol (CAS 140-66-9) Market Research Report 2024 presents comprehensive data on P-tert-octylphenol (CAS 140A66A9) markets globally and regionally (Europe, Asia, North America etc.)

The report includes P-tert-octylphenol (CAS 140A66A9) description, covers its application areas and related patterns. It overviews P-tert-octylphenol (CAS 140A66A9) market, names P-tert-octylphenol (CAS 140A66A9) producers and indicates its suppliers.

Besides, the report provides P-tert-octylphenol (CAS 140A66A9) prices in regional markets.

In addition to the above the report determines P-tert-octylphenol (CAS 140A66A9) consumers in the market.

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P-tert-octylphenol (CAS 140-66-9) 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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*Please note that P-tert-octylphenol (CAS 140-66-9) Market Research Report 2024 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

P-tert-octylphenol (4-t-Octylphenol, para-tert-Octylphenol, 4-tert-Octylphenol, etc.) refers to alkylphenolic compounds that derive as the major biodegradation products of nonionic surfactants. P-tert-octylphenol is a white solid with the molecular formula $C_{14}H_{22}O$ and molecular weight 206.32. The boiling point of the compound is 175 °C. P-tert-octylphenol is poorly soluble in diluted alkali but soluble in most organic solvents.

The product is processed by the reaction phenol and tert-octene in the presence of an ionexchange resin or boron trifluoride complex in a batch reactor. P-tert-octylphenol is also produced by the reaction between phenol and tert-octene in the presence of a fixed bed ion-exchange resin in a continuous process.

P-tert-octylphenol is mainly used in the manufacturing of phenol-formaldehyde resins and octylphenol ethoxylates and subsequent derivatives. Besides, it is employed to produce alkylphenol ethoxylates, plastics and resins. The compound can be found in textiles, paints, some personal care products and pesticides. Building or repairing of ships and boats, joinery installation, manufacture of paints, varnishes, printing inks and mastics are amid other uses of p-tert-octylphenol.

The compound may cause serious eye irritation characterized by redness, blurred vision and pain. P-tert-octylphenol is harmful to skin because the compound may produce chemical burns. If the product is absorbed through the skin it can cause intense thirst, cyanosis, vomiting, nausea, low blood pressure, abdominal pain, lung swelling, etc. Accidentally swallowed product can cause damage to the health of the individual. Inhalation of p-tert-octylphenol can result in the irritation of the throat and lungs, profuse respiration, restlessness, anemia, etc. Repeated skin contact with the product can lead to a sensitization reaction in the individual. Prolonged inhalation can produce changes in lung function. Overexposure to p-tert-octylphenol may cause muscle aches and pain, dark urine, salivation, liver kidneys damage, etc.

P-tert-octylphenol market is covered in the study 4-tert-Octylphenol (CAS 140-66-9) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks p-tert-octylphenol market situation, names manufacturers, suppliers as well as users. The report also provides current p-tert-octylphenol prices in the market.

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