

Fenbutatin Oxide (CAS 13356-08-6) Market Research Report 2025

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Date: May 2025

Pages: 70

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

ID: FC723C437ABEN

Abstracts

Fenbutatin Oxide (CAS 13356-08-6) Market Research Report 2025 presents comprehensive data on Fenbutatin Oxide markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Fenbutatin Oxide prices in regional markets.

In addition to the above the report determines Fenbutatin Oxide 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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capacities and production

consumption volume and structure

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existing technologies

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market news digest

market forecast.

Fenbutatin Oxide (CAS 13356-08-6) 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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*Please note that Fenbutatin Oxide (CAS 13356-08-6) 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:	Fenbutatin Oxide
CAS#:	13356-08-6
Formula:	$C_{60}H_{78}OSn_2$
Molecular Weight:	1052.68

Fenbutatin oxide (bis[tris(2-methyl-2-phenylpropyl)tin oxide] is a kind of temperature-sensitive nonsystemic organotin acaricide with the molecular formula $C_{60}H_{78}OSn_2$. This white crystalline solid with a mild odor is insoluble in water and slightly soluble in aromatic solvents (e.g. 14% w/v in benzene). It is marketed under the trade name Vendex.

Fenbutatin oxide was originally registered in the U.S. in 1974 for use as a miticide (acaricide) by Shell Chemical Company. The first end-use product was registered in August 1975. The registration was transferred to E.I. DuPont de Nemours and Company in October 1986. Currently, 10 pesticide products containing this active ingredient are registered.

Fenbutatin oxide is used to control all motile stages of a wide range of phytophagous mites (*Aculus*, *Tetranychus*) on pome fruit, stone fruit, citrus fruit, soft fruit, vines, bananas, cucurbits, ornamentals, and glasshouse crops. It is applied only to agricultural sites, as residential use is not permitted. There are three application methods for fenbutatin oxide including airblast, groundboom or aerially.

Fenbutatin oxide generally is of low acute toxicity but is a severe eye irritant. It poses no significant chronic health risks and is classified as a Group E carcinogen, indicating that it poses no known cancer risk for humans. A reference dose (RfD), or amount believed not to cause adverse effects if consumed daily over a 70-year lifetime, has been established for fenbutatin oxide at 0.05 milligrams per kilogram per day (mg/kg/day).

Although fenbutatin oxide is persistent in the environment, residues do not tend to accumulate in crops planted in previously treated soil.

Being practically non toxic to birds, honey bees and mammals, fenbutatin oxide, however, is highly toxic to fish and accumulates in tissues, and it is also highly toxic to aquatic invertebrates.

Fenbutatin oxide market is covered in the study Fenbutatin Oxide (CAS 13356-08-6) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks fenbutatin oxide market situation, names manufacturers, suppliers as well as users. The report also provides current fenbutatin oxide prices in the market.

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