

Isoxaflutole (CAS 141112-29-0) Market Research Report 2024

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Abstracts

Isoxaflutole (CAS 141112-29-0) Market Research Report 2024 presents comprehensive data on Isoxaflutole markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Isoxaflutole prices in regional markets.

In addition to the above the report determines Isoxaflutole 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

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market forecast.

Isoxaflutole (CAS 141112-29-0) 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 Isoxaflutole (CAS 141112-29-0) 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

Product Name:	Isoxaflutole
Synonyms:	(5-Cyclopropyl-4-oxazolyl)-[2-(methylsulfonyl)-4-(trifluoromethyl)]-methanol
CAS#:	141112-29-0
Formula:	$C_{15}H_{12}F_3NO_4S$
Molecular Weight:	359.32

Isoxaflutole, an example of a pro-herbicide, was synthesized in 1990. Its molecular formula is $C_{15}H_{12}F_3NO_4S$. The herbicide has a short half-life of 12 hours to 3 days in water and in soil in the laboratory. The duration of the half-life depends on soil type and other factors.

The initial purpose of isoxaflutole was to control the emergence of grass and broad-leaved weeds in maize and sugar cane. Isoxaflutole provides control of such weeds as velvet leaf, redroot pigweed, giant foxtail, green foxtail.

Isoxaflutole presents potential risk to the environment owing to its high mobility, which means that the herbicide can easily travel from the application site to other areas. Moreover, isoxaflutole degrades fairly rapidly. The main environmental risks are posed to ground water and surface water. Moreover, isoxaflutole is considered to be a probable human carcinogen as it shows developmental toxicity.

Kanto Chemical Co., Inc., NEOCHEMA, AccuStandard Inc., Fertiagro Pte. Ltd., Kanto Chemical Co., Inc. are some of the world's major isoxaflutole manufacturers.

Isoxaflutole oxide market is covered in the study Isoxaflutole (CAS 141112-29-0) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks isoxaflutole market situation, names manufacturers, suppliers as well as users. The report also provides current isoxaflutole prices.

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