

Allyl isothiocyanate (CAS 57-06-7) Market Research Report 2024

<https://marketpublishers.com/r/A715AC7784DEN.html>

Date: July 2024

Pages: 70

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

ID: A715AC7784DEN

Abstracts

Allyl isothiocyanate (CAS 57-06-7) Market Research Report 2024 presents comprehensive data on 3-Isothiocyanatopropene markets globally and regionally (Europe, Asia, North America etc.)

The report includes 3-Isothiocyanatopropene description, covers its application areas and related patterns. It overviews 3-Isothiocyanatopropene market, names 3-Isothiocyanatopropene producers and indicates its suppliers.

Besides, the report provides 3-Isothiocyanatopropene prices in regional markets.

In addition to the above the report determines 3-Isothiocyanatopropene 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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Allyl isothiocyanate (CAS 57-06-7) 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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About

Product Name:	3-Isothiocyanatopropene
Synonyms:	Allyl isothiocyanate
	2-Propenyl isothiocyanate
	3-Isothiocyanato-1-propene
	3-Isothiocyanatoprop-1-ene
	Allyl Isosulfocyanate
	Allylsenevol
	Allyl mustard oil
	Oleum sinapis
	Sinapis oil
CAS#:	57-06-7
Formula:	C ₄ H ₅ NS
Molecular Weight:	99.15
Appearance:	Poisonous by ingestion and skin absorption.
Usage:	Flavoring agent, denaturant for alcohol.

Allyl isothiocyanate (Allylsevenolum; Senfoel; Oleum sinapis; Allylsenfoel; Carbospol; Allylsenevol; Oil Of mustard; Allyspol; Redskin) is an organosulfur compound that occurs as a colorless or light amber oily liquid with the molecular weight 99.15 and molecular formula C₄H₅NS. The compound melts at -80 °C and boils at 151 °C. The product is poorly soluble in water and is highly soluble in organic solvents. Allyl isothiocyanate is produced by the reaction of allyl chloride and potassium thiocyanate

Naturally occurring product has anti-tumor and anti-oxidant properties. Synthetically occurring allyl isothiocyanate is employed as a counterirritant, fumigant, or an

intermediate in the creating desired chemical compounds. The product serves plants as a defense against herbivores. Besides, allyl isothiocyanate is found as an additive in aerosol adhesives, lacquers.

On direct contact with eyes, the product causes chemical burns, severe eyes damage and lachrymation. Skin contact with the compound may lead to chemical burns, blistering. Ingestion of allyl isothiocyanate may provoke chemical burns within the oral cavity and gastrointestinal tract. Inhalation of the product causes throat and lungs irritation. Overexposure to the product can be the reason for the erosion of teeth, necrosis of the jaw, inflammatory and ulcerative changes in the mouth, gastrointestinal disturbances, dermatitis, etc.

Allyl isothiocyanate market is covered in the study Allyl isothiocyanate (CAS 57-06-7) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks allyl isothiocyanate market situation, names manufacturers, suppliers as well as users. The report also provides current allyl isothiocyanate prices in the market.

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