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# Sulfur trioxide (CAS 7446-11-9) Market Research Report 2024

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## Abstracts

Sulfur trioxide (CAS 7446-11-9) Market Research Report 2024 presents comprehensive data on Sulfur trioxide markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Sulfur trioxide prices in regional markets.

In addition to the above the report determines Sulfur trioxide 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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market forecast.

Sulfur trioxide (CAS 7446-11-9) 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 Sulfur trioxide (CAS 7446-11-9) 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.

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# About

| | |
|---|---|
| Product Name: | Sulfur trioxide |
| Synonyms: | |
| | Oxosulfane dioxide |
| | Sulfuric anhydride |
| | Sulfur trioxide liquid |
| | Sulfan |
| CAS#: | 7446-11-9 |
| Formula: | $O_3S$ |
| Molecular Weight: | 80.06 |
| Appearance: | A colorless to white crystalline solid. |
| Usage: | Intermediate in sulfuric acid manufacture, in sulfonations for formation of addition compound with amines, in the manufacture of explosives. |

Sulfur trioxide, a.k.a. oxosulfane dioxide, sulfur trioxide liquid, sulfuric anhydride or sulfur trioxide, is a compound with the molecular formula SO3 and the molecular weight 80.06. The product exists as a colorless solid or transparent liquid with a strong smell. Sulfur trioxide is a primary agent in acid rain. The product gets into the reaction with water to form sulfuric acid.

The product may be prepared by the reaction between oxygen and sulfur dioxide in the presence of catalysts; by heating fuming sulfuric acid; by heating oleum in a boiler to generate SO3 gas.

Sulfur trioxide is mainly used in the manufacture of explosives, sulfuric acid and other chemicals. The product can be found as a component in the manufacturing of surfactants for detergents, shampoos and other products.

Sulfur trioxide may provoke burns of eyes, skin, gastrointestinal and respiratory tract. Moreover, it can be fatal if inhaled. Overexposure to the product may result in stomatitis, gastritis, lesions of the skin, conjunctivitis, tracheobronchitis. Sulfur trioxide is

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considered to be carcinogenic to people.

Sulfur trioxide market is covered in the study Sulfur trioxide (CAS 7446-11-9) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks sulfur trioxide market situation, names manufacturers, suppliers as well as users. The report also provides current sulfur trioxide prices in the market.

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