

N-Phenylmaleimide (CAS 941-69-5) Market Research Report 2024

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Abstracts

N-Phenylmaleimide (CAS 941-69-5) Market Research Report 2024 presents comprehensive data on N-Phenylmaleimide markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides N-Phenylmaleimide prices in regional markets.

In addition to the above the report determines N-Phenylmaleimide 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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existing technologies

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market news digest

market forecast.

N-Phenylmaleimide (CAS 941-69-5) 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 N-Phenylmaleimide (CAS 941-69-5) 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: | N-Phenylmaleimide |
| Synonyms: | 1-Phenyl-1H-pyrrole-2,5-dione |
| | Imilex P |
| | Maleanil |
| | Maleimidobenzene |
| | N-Phenylmaleic acid imide |
| | N-Phenylmaleic imide |
| | N-Phonylmaleimide |
| | N-Phenylmaleimide(N-PMI) |
| | N- Phenyl maleimide |
| | Maleic acid N-phenylimide |
| CAS#: | 941-69-5 |
| Formula: | $C_{10}H_7NO_2$ |
| Molecular Weight: | 173.17 |
| Appearance: | Yellow needles. |
| Usage: | Dienophile in the diels-alder reaction. |

N-Phenylmaleimides are light yellow crystalline needle-like crystals. N-Phenylmaleimide is an imide with the molecular formula $C_{10}H_7NO_2$. It contains the divalent radical "-C(=O)NHC(=O)-". The imide is hardly soluble in water and petroleum ether, and is soluble in acetone and ethyl benzene.

N-Phenylmaleimide, as any imide, is produced from ammonia or primary amine by replacing a bivalent acid group or two monovalent acid groups.

Used as a plastic modifier, N-Phenylmaleimide can improve heat-resistant, anti-oxidant and anti-foulant properties of ABS, PVC, PVA and other engineering plastics. It is also used as an intermediate for the synthesis of cross-linking agents, pharmaceuticals, pesticides, antiseptics and crystalline adducting agents.

N-Phenylmaleimide is potentially hazardous to humans, as it can cause irritation to eyes, skin, gastrointestinal tract, mucous membranes and upper respiratory tract; it also causes nausea.

N-Phenylmaleimide is covered in the study N-phenylmaleimide(N-PMI) (CAS 941-69-5) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks N-phenylmaleimide market situation, names manufacturers, suppliers as well as users. The report also provides current N-phenylmaleimide prices in the market.

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