

Sodium Cyanide (CAS 143-33-9) Market Research Report 2025

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Abstracts

Sodium Cyanide (CAS 143-33-9) Market Research Report 2025 presents comprehensive data on Sodium Cyanide markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Sodium Cyanide prices in regional markets.

In addition to the above the report determines Sodium Cyanide consumers in the market.

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existing technologies

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market forecast.

Sodium Cyanide (CAS 143-33-9) 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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About

Product Name:	Sodium Cyanide
Synonyms:	Hydrocyanic acid sodium salt Sodium cyanide

CAS#:	143-33-9
Formula:	CNNa
Molecular Weight:	49.01

Sodium cyanide is an inorganic compound with the chemical formula NaCN. Sodium cyanide is prepared by the direct reaction of hydrogen cyanide with alkali, by heating sodium amide with carbon or by melting sodium chloride with calcium cyanamide. It is a white solid, soluble in water and aqueous solutions and slightly soluble in alcohol; it gives off a faint almonds odor. Sodium cyanide has a melting point of 564°C and a boiling point of 1,496°C. When treated with acid, sodium cyanide forms the toxic gas “hydrogen cyanide.”

Sodium cyanide is principally used in mining of gold and other precious metals given the high reactivity of the element towards metals. Approximately 78% of the overall sodium cyanide output is used in gold mining. It is also used as a chemical feedstock, as some commercially important compounds are derived from sodium cyanide, for instance, cyanuric chloride, cyanogen chloride and many nitriles. As sodium cyanide is considered to be a strong nucleophile, it is required in organic synthesis to prepare nitriles occurring in several specialty chemicals including pharmaceuticals. Sodium cyanide has several niche application areas such as illegal fishing as well as dyes, agrochemicals and electroplating industries.

The recent rise in gold prices has given impetus to the sodium cyanide market growth. The USA, Korea and Australia are the leading exporters of the product. Meanwhile, Mexico, China and South American and West African countries exhibit quite high growth rates. The list of the most prominent companies active on the sodium cyanide market includes but is not limited to DuPont, Evonik Degussa, Spectrum Chemical Mfg. Corp., Strem Chemicals, Inc., Alpha Chemika, Tongsoh Petrochemical Corporation Ltd., Tiande Chemical Holdings Ltd. and Longxinrui (Global) Chemicals Co.

The sodium cyanide market is covered in the study SODIUM CYANIDE (CAS 143-33-9) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks sodium cyanide market situation, names manufacturers, suppliers as well as users. The report also provides current sodium cyanide prices.

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