

Manganese(II) oxide (CAS 1344-43-0) Market Research Report 2025

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Abstracts

Manganese(II) oxide (CAS 1344-43-0) Market Research Report 2025 presents comprehensive data on Manganous oxide markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Manganous oxide prices in regional markets.

In addition to the above the report determines Manganous oxide 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

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Manganese(II) oxide (CAS 1344-43-0) 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:	Manganous oxide
Synonyms:	C.I. 77726
	Manganese green
	Manganese monoxide
	Manganese(II) oxide
	Manganous monoxide

CAS#:	1344-43-0
Formula:	MnO
Molecular Weight:	70.94

Manganese(II) oxide, otherwise known as manganosite or manganese monoxide, is an inorganic compound with the molecular weight 70.93 and molecular formula MnO. The compound exists as an odorless, green cubic crystals or powder with the melting point of 1945 °C. Manganese(II) oxide is soluble in acid and insoluble in water.

The product is prepared by the reduction of any higher oxide with hydrogen; by heating MnCO₃; or by reduction of MnO₂ with hydrogen, carbon monoxide or methane.

Manganese(II) oxide is a component in the production of fertilizer and food additives. Moreover, the product is employed as a catalyst in allyl alcohol production. Manganese(II) oxide is also can be found in paints, bleaching tallow and textile printing, ceramics and colored glass.

The product can cause slight eye irritation. Besides, skin contact with manganese(II) oxide is potentially harmful as it can produce inflammation and accentuate any pre-existing dermatitis condition. If swallowed, the compound causes the gastrointestinal tract irritation with diarrhea, nausea, vomiting. Moreover, the ingestion can lead to CNS depression. Inhalation of the product may result in metal fume fever accompanied by chills, weakness, metallic taste, chest pain. Also, it can provoke irritation of the respiratory tract. Prolonged or repeated inhalation and ingestion of manganese(II) oxide

can produce argyria with symptoms such as a permanent blue-gray discoloration of the eyes, skin, mucous membranes.

Manganese(II) oxide market is covered in the study Manganese(II) oxide (CAS 1344-43-0) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks manganese(II) oxide market situation, names manufacturers, suppliers as well as users. The report also provides current manganese(II) oxide prices in the market.

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