

# Zinc Oxide (CAS 1314-13-2) Market Research Report 2024

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## Abstracts

Zinc Oxide (CAS 1314-13-2) Market Research Report 2024 presents comprehensive data on Zinc oxide markets globally and regionally (Europe, Asia, North America etc.)

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

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

In addition to the above the report determines Zinc 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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Zinc Oxide (CAS 1314-13-2) 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 Zinc Oxide (CAS 1314-13-2) 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: Zinc oxide

Synonyms:

Oxozinc

Supertah

Zinc ashes

Zinc dross

Ziradryl

Active Zinc Oxide

Industrial Activated Zinc Oxide

Zinc oxide(powder,granular,calcined,activated)

C.I. 77947

Pigment white 4 (C.I. 77947)

CAS#: 1314-13-2

Formula:  $\text{OZn}$

Molecular Weight: 81.39

Appearance: White or yellowish-white powder or crystals, odorless.

Usage: Accelerator activator, pigment and reinforcing agent in rubber, ointments, pigment and mould-growth inhibitor in paints, uv absorber in plastics, ceramics, floor tile, glass, zinc salts, feed additive, dietary supplement, seed treatment cosmetics, photoconductor in office copying machines and in col

Zinc oxide, also known as outmine, supertah, zincoïd, azodox, zincum oxydatum, etc., is an inorganic compound with the molecular formula ZnO. Zinc oxide is a white or yellowish-white, odorless solid with a bitter taste. The compound with the molecular weight 81.37 is insoluble in water and alcohol but soluble in acids and alkalis.

Naturally, zinc oxide occurs as the mineral zincite, and synthetically it is produced by three key processes that are the indirect, direct and wet chemical process. The product is amphoteric and enters into the reaction with alkalis and acids.

Zinc oxide has numerous applications in medicine, food, ceramics, concrete, rubber industries, etc. The compound is widely used as an additive in plastics, glass, paints, adhesives, pigments, fire retardants. Zinc oxide is widely utilized in concrete manufacturing.

Moreover, the compound is used in the products for the treatment of skin conditions. These products are baby powder, anti-dandruff shampoos, calamine cream, etc. Zinc oxide is highly effective in protecting skin from UVA and UVB rays of ultraviolet light. The product is used as a constituent in a cigarette filter, a source of zinc in food products. Besides, zinc oxide prevents nuclear reactors from corrosion.

The compound is nonallergenic, nonirritating and non-comedogenic. However, dust of zinc oxide can lead to the mechanical irritation of eyes. Overexposure to the compound causes irritation of skin or dermatitis. Ingestion of zinc oxide may produce the irritation of the gastrointestinal tract characterized by diarrhea, vomiting and nausea. Chest pain, metallic taste in the mouth, fever, cough, muscles pain are amid common symptoms that follow the inhalation of zinc oxide fumes.

Zinc oxide market is covered in the study Zinc oxide (CAS 1314-13-2) Market Research Report 2023. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks zinc oxide market situation, names manufacturers, suppliers as well as users. The report also provides current zinc oxide prices in the market.

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