



IsoQure[®] ZnO BP

Technical Data Sheet

IsoQure[®] ZnO BP

Chemical name: Zinc oxide

CAS Number: 1314-13-2

EINECS Number: 215-222-5

IsoQure[®] ZnO BP is a pharma (British Pharmacopoeia) grade zinc oxide with fine particle size. It offers antiseptic, antibacterial, and anti-UV properties, making it ideal for use in whitening agents, mineral nutrients, adhesives, skin protectants, nappy rash ointments, soaps, and creams for acne-prone skin. It is also widely used in mineral makeup, anti-UV creams, and lotions.

Material Definition

Appearance: White to light yellowish powder

ZnO content*: 99.0% to 100.5%

Loss on ignition*: ≤ 1.0% (500°C)

Lead content*: ≤ 50 ppm

Cadmium content*: ≤ 10 ppm

Iron content*: ≤ 200 ppm

Arsenic content*: ≤ 5 ppm

Carbonate & acid-insoluble substances*: Pass

Alkalinity*: Pass

Particle Size: 99.9% passing through 325 mesh screen

(* in accordance with British Pharmacopoeia specifications)

Application

IsoQure[®] ZnO BP is used in pharmaceutical and cosmetic formulations due to its antiseptic, anti-bacterial, and UV protective properties. It is a perfect addition to mineral makeup and is commonly used in anti-UV creams and lotions. Additionally, its slow settling properties make it

suitable for slurries. IsoQure[™] ZnO BP offers transparency in creams and lotions and is ideal for use in personal care products.

Handling, Storage and Packaging

The processing and use of IsoQure[®] ZnO BP require adequate technical and professional knowledge. Please consult the safety data sheet and observe local safety regulations. The legal requirements prevailing in your country, especially regarding accident prevention, working hygiene, and patent rights, must be observed.

IsoQure[®] ZnO BP must be stored in tightly sealed original containers in a cool and dry place. Properly stored, it is stable for a minimum of two years. Standard pack size of IsoQure[®] ZnO BP is 25 kg in a woven PP bag with a PE inner liner and two or more PE inner bags.

Regulatory Information

EU REACH registered: Yes

TSCA: Listed

Availability

- Americas (United States, Canada, South America)
- APAC (Asia-Pacific)
- ANZ (Australia, New Zealand)
- EU (European Union)
- PRC (People's Republic of China)
- UK (United Kingdom)

Disclaimer / Conditions

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Stated storage and shelf life times are minimum guaranteed values for a period starting on the day of shipment. After this period has expired, the product requires additional quality control testing but may very well still be within specification. For more information, refer to our [Shelf](#)

Life Policy.

For updates on product information, please check this web page regularly:

<https://kautschuk.com/products/specialty/isoquire-zno-bp>