

**Office:**

Tomás Diago 748  
 Montevideo – Uruguay  
 Tel.: +598 2710 4348 – 2710 6351  
 Fax: +598 2711 7516  
 Email: [sales@dirox.com.uy](mailto:sales@dirox.com.uy)  
 Web: [www.dirox.com.uy](http://www.dirox.com.uy)

**Plant:**

National Route N° 1 Km. 48  
 Libertad – San José - Uruguay  
 Tel.: +598 4345 4186 - 4256  
 Fax: +598 4345 4255  
 Email: [secretarialib@dirox.com.uy](mailto:secretarialib@dirox.com.uy)  
 Web: [www.dirox.com.uy](http://www.dirox.com.uy)

**Zinc Oxide Pure Grade**

**Zinc Oxide; Oxide, Zinc; Zinc White; Oxozinc; Amalox; Permanent White**

**CHEMICAL CHARACTERISTICS**

CAS N°: EINECS N°: Molecular Formula: Molecular Weight (g/mol): Physical Description: Melting Point (°C): Water Solubility (25 °C):	1314-13-2 215-222-5 ZnO or OZn 81.379 Odorless white to pale yellow nanopowder Decomposes around 1975 °C Insoluble in water
---	---

**TECHNICAL PROPERTIES**

Mass content of ZnO (GOST 10262-73 & 10398-76), not less than % Mass fraction of Calcium (GOST 10262-73), not more than % Mass fraction of Potassium (GOST 10262-73), not more than % Mass fraction of Manganese (GOST 10262-73), not more than % Mass fraction of substances insoluble in HCl (GOST 10262-73), not more % Mass fraction of NO3 (GOST 10262-73 & 10671.5-74), not more than % Mass fraction of SO4 (GOST 10262-73 & 10671.6-74), not more than % Mass fraction of Chlorides (GOST 10262-73 & 10671.7-74), not more than % Mass fraction of Iron (Fe, GOST 10262-73 & 10555-75), not more than % Mass content of matters regenerative KMnO4 (GOST 10262-73), not more than % Arsenic, As (GOST 10262-73 & 10485-75), not more than % Lead, Pb (GOST 10262-73 & 21979-76), not more than % Copper, Cu (GOST 10262-73 & 21979-76), not more than %	99.0 0.01 0.005 0.0005 0.01 0.001 0.01 0.004 0.001 0.01 0.0002 0.01 0.001
---	---

**APPLICATION**

Zinc oxide it's widely used as an additive in numerous materials and products including: rubbers, plastics, ceramics, glass, cement, lubricants, paints, ointments, adhesives, sealants, pigments, foods, batteries, ferrites, fire retardants, and first-aid tapes, pharmaceuticals/cosmetics, electronics and in animal feed.



**Office:**

Tomás Diago 748  
Montevideo – Uruguay  
Tel.: +598 2710 4348 – 2710 6351  
Fax: +598 2711 7516  
Email: [sales@dirox.com.uy](mailto:sales@dirox.com.uy)  
Web: [www.dirox.com.uy](http://www.dirox.com.uy)

**Plant:**

National Route N° 1 Km. 48  
Libertad – San José - Uruguay  
Tel.: +598 4345 4186 - 4256  
Fax: +598 4345 4255  
Email: [secretarialib@dirox.com.uy](mailto:secretarialib@dirox.com.uy)  
Web: [www.dirox.com.uy](http://www.dirox.com.uy)

**PACKING & STORAGE**

Zinc oxide is packed in 25 kg paper bags. Other weight of packing is available on request.  
Zinc oxide is stored in the manufacturer's packaging in dry heated storage rooms on wooden shelves or pallets.

**GUARANTEED SHELF LIFE**

Recommended shelf life of zinc oxide is 24 months from the manufacture date.  
No expiry date when stored according to requirements.

**TRANSPORT**

Zinc oxide can be transported by all types of transport in accordance with Goods Transport Rules.

**CERTIFICATION**

Product safety is confirmed by the Safety Data Sheet..  
Zinc oxide is registered in accordance with requirements of EC REACH regulations, registration number 01-2119463881-32-0001.

By more information contact to: [sales@dirox.com.uy](mailto:sales@dirox.com.uy)

