# barium zirconium trioxide

IDENTIFICATION NUMBERS

- **CAS:** 12009-21-1
- **EC/EINECS:** 234-546-8

MORE INFORMATION

- **Molecular Formula:** Ba.O3Zr
- **Synonyms:** ZIRCONATO DE BARIO (1:1), OXIDO DE BARIO Y ZIRCONIO, TRIOXIDO DE BARIO Y CIRCONIO

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS07**

Acute toxicity (oral, dermal, inhalation

**Signal word:** **Warning**

### H Phrases

**H302** : Harmful if swallowed

Acute Tox. (Cat. 4 *) : Acute toxicity

**H332** : Harmful if inhaled

Acute Tox. (Cat. 4 *) : Acute toxicity

*Nota A.Nota 1.*

### Notes

- R.1272-Note A
- R.1272-Note 1

### Labelling

| Concentration | Labelling |
|---|---|
| C>=1% | Xn: R20/22 |
| | * |

## Specific health risks

### Occupational Exposure Limits (OEL)

Daily exposure limit values (VLA-ED) published by the Spanish National Institute of Safety and Health at Work (INSST). They represent the average concentration of a chemical agent in the worker's breathing zone, measured or calculated in a time-weighted manner for an 8-hour daily working period. (https://www.insst.es/valores-limites-de-exposicion)

**OCCUPATIONAL EXPOSURE LIMITS**

| State / Form | TWA (ppm) | TWA (mg/m³) | STEL (ppm) | STEL (mg/m³) | Notes |
|---|---|---|---|---|---|
| — | — | 5 | — | 10 | — |