zirconium

IDENTIFICATION NUMBERS

- **CAS:** 7440-67-7
- **EC/EINECS:** 231-176-9

MORE INFORMATION

- **Molecular Formula:** Zr
- **Synonyms:** circonio, zirconio

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02

Flammable gases

Signal word: **Danger**

H Phrases

H260 : In contact with water releases flammable gases which may ignite spontaneously

Water-react. (Cat. 1) : Substance or mixture which in contact with water emits flammable gas

H250 : Catches fire spontaneously if exposed to air

Pyr. Sol. (Cat. 1) : Pyrophoric solid

Notes

- R.1272-Note T

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)

Specific environmental risks

Atmospheric emissions

Substances subject to atmospheric emission limitations under the Industrial Emissions Directive (2010/75/EU) and its Spanish transposition. Includes pollutants regulated in industrial installation emission permits and best available technique reference documents (BAT/BREF).

Restriction/prohibition regulations

REACH sensitisers

Substances identified as respiratory or skin sensitisers under the REACH Regulation. Includes substances that, without necessarily having a CLP classification, have been assessed by ECHA as potentially allergenic in occupational exposure contexts.