magnesium oxide

IDENTIFICATION NUMBERS

- **CAS:** 1309-48-4
- **EC/EINECS:** 215-171-9
- **International Chemical Safety Card (ICSC):** 0504

MORE INFORMATION

- **Molecular Formula:** MgO
- **Synonyms:** monóxido de magnesio, óxido de magnesio, (humos y polvo), óxido magnesico

USES

fungicide, herbicide, buffer, molding sand, microbiocidal

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

No classifications available

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
—	—	10	—	—	—

Specific environmental risks

Hazardous water substances (Germany)

Substances classified with chronic aquatic toxicity under the CLP Regulation (H410–H413 phrases, Aquatic Chronic categories 1 to 4). They pose a long-term hazard to aquatic organisms, even at low concentrations and through prolonged exposure.

MMA CLASSIFICATION

1