aluminium oxide

IDENTIFICATION NUMBERS

- **CAS:** 1344-28-1
- **EC/EINECS:** 215-691-6
- **International Chemical Safety Card (ICSC):** 0351

MORE INFORMATION

- **Molecular Formula:** Al2O3
- **Synonyms:** ALUMINA, SESQUIOXIDO DE ALUMINIO, TRIOXIDO DE ALUMINIO, TRIOXIDO DE DIALUMINIO, alfa-ALUMINA, OXIDO DE ALUMINIO

USES

pesticide, molding sand, absorbent / adsorbent

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
Óxido de Aluminio	—	10	—	—	—
Polvos de aluminotermia de Óxido de Aluminio	—	5	—	—	—
Sales solubles de Óxido de Aluminio	—	2	—	—	c

Restriction/prohibition regulations

Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).