diiron trioxide

IDENTIFICATION NUMBERS

- **CAS:** 1309-37-1
- **EC/EINECS:** 215-168-2

MORE INFORMATION

- **Molecular Formula:** Fe2O3
- **Synonyms:** OXIDO DE HIERRO, OXIDO FERRICO, TRIOXIDO DE DIHIERRO, OXIDO DE HIERRO (III)

USES

pesticide, molding sand

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

No classifications available

Specific health risks

According to IARC

Substances classified as carcinogens or mutagens Category 2 under the CLP Regulation (GHS), bearing H351 and/or H341 phrases. These are substances suspected of causing cancer or heritable genetic mutations in humans.

IARC GROUP

Grupo 3

IARC VOLUME

(VOL. 1, SUPL. 7; 1987)

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
POLVO Y HUMOS	—	5	—	—	—