Talc (Mg3H2(SiO3)4)

IDENTIFICATION NUMBERS

- **CAS:** 14807-96-6
- **EC/EINECS:** 238-877-9
- **International Chemical Safety Card (ICSC):** 0329

MORE INFORMATION

- **Molecular Formula:** H2O3Si.3/4Mg
- **Synonyms:** talco

USES

paint, adjuvant

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 2B

IARC VOLUME

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IARC NOTES

Talc-based body powder (perineal use of) talc (not containing asbestiform fibers)belongs to group 3

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
Talco (sin fibras de amianto), Fracción respirable	—	2	—	—	d, e
Talco (con fibras de amianto)	—	—	—	—	p

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.).