silicon carbide

IDENTIFICATION NUMBERS

- **CAS:** 409-21-2
- **EC/EINECS:** 206-991-8

MORE INFORMATION

- **Molecular Formula:** CSi
- **Synonyms:** siliciuro de carbono, monocarburo de silicio

USES

fiber

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS08

Respiratory sensitisation

Signal word: **Danger**

H Phrases

H350i : May cause cancer by inhalation.

Carc. (Cat. 1B) : Carcinogenicity

Nota A.Nota R.

Notes

- R.1272-Note A
- R.1272-Note R

Specific health risks

Carcinogens (other sources)

Substances classified as carcinogens or mutagens Category 3 under the Dangerous Preparations Directive criteria (pre-CLP). Substances with limited evidence or indications of carcinogenicity or mutagenicity.

CATEGORY

G-A2

SOURCE

ACGIH

Neurotoxic substances

Substances with neurotoxic effects

LEVEL

1

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
Fracción inhalable	—	10	—	—	—
Fracción respirable	—	3	—	—	D

Restriction/prohibition regulations

Major accident hazards (Seveso)

Hazardous substances listed in Annex I of the Seveso III Directive (Directive 2012/18/EU), transposed in Spain by Royal Decree 840/2015. Their presence in industrial establishments in quantities equal to or above established thresholds triggers obligations to implement major accident risk control measures.

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.).