# cobalt hexafluorosilicate(2-)

**IDENTIFICATION NUMBERS**

- **CAS:** 12021-67-9
- **EC/EINECS:** 234-665-5

**MORE INFORMATION**

- **Molecular Formula:** Co.F6Si
- **Synonyms:** HEXAFLUOROSILICATO (2-) DE COBALTO (2+) (1:1)

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS07**

Acute toxicity (oral, dermal, inhalation

**Signal word:** **Warning**

### H Phrases

**H302** : Harmful if swallowed

Acute Tox. (Cat. 4 *) : Acute toxicity

*Nota A.*

### Notes

- R.1272-Note A

### Labelling

| Concentration | Labelling |
|---|---|
| C>=10% | Xn: R22 |
| | * |

## Specific health risks

### Biological Exposure Indices (BEI)

Biological limit values (VLB) published by the Spanish National Institute of Safety and Health at Work (INSST). Reference values for assessing the risk of chemical agents by measuring them or their metabolites in biological matrices (blood, urine, exhaled air) of exposed workers.

**BIOLOGICAL EXPOSURE INDICES**

| Biological indicator | BEI | Sampling time | Notes |
|---|---|---|---|
| Cobalto en orina | 15 µg/l | Final de la semana laboral (1) | F |
| Cobalto en sangre | 1 µg/l | Final de la semana laboral (1) | F |

### 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 |
|---|---|---|---|---|---|
| — | — | 0.02 | — | — | VLB, Sen |