# tetrasodium pentakis(cyano-C)aurate

### IDENTIFICATION NUMBERS

- **CAS:** 68133-86-8
- **EC/EINECS:** 268-713-1

### MORE INFORMATION

- **Molecular Formula:** C5AuN5.4Na
- **Synonyms:** pentakis-CIANURO DE TETRASODIO Y PLATA (-4), AURATO(4-), pentakis(CIANO-C)-, TETRASODIO, SODIO CIANOAURATO(I), TRI(SODIO CIANURO), AURATO(4-), pentakis(CIANO-kappaC)-, TETRASODIO, TETRASODIO pentakis(CIANO-C)AURATO, TETRASODIO pentakis (CIANO-C)AURATO

⚠ **Black list — Substances particularly hazardous to the environment or health**

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS06**

Acute toxicity (oral, dermal, inhalation)



**GHS09**

Hazardous to the aquatic environment

**Signal word:** **Danger**

### H Phrases

**H310** : Fatal in contact with skin

Acute Tox. (Cat. 1) : Acute toxicity

**H330** : Fatal if inhaled

Acute Tox. (Cat. 2 *) : Acute toxicity

**H300** : Fatal if swallowed

Acute Tox. (Cat. 2 *) : Acute toxicity

**H400** : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

**H410** : Very toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 1) : Hazardous to the aquatic environment

### Notes

- R.1272-Note A

## Specific health risks

### Ototoxic substances

Substances with ototoxic effects

| NEUROTOXIC EFFECT | SOURCE |
| --- | --- |
| OTOTÓXICO | 25 |

## Specific environmental risks

### Atmospheric emissions

Substances subject to atmospheric emission limitations under the Industrial Emissions Directive (2010/75/EU) and its Spanish transposition. Includes pollutants regulated in industrial installation emission permits and best available technique reference documents (BAT/BREF).

## Environmental regulations

### LPCIC (EPER)

Priority substances and specific pollutants within the EU water policy framework, established by the Water Framework Directive (2000/60/EC) and the Priority Substances Directive (2008/105/EC and amendments). Substances posing significant risk to European surface waters and subject to Environmental Quality Standards (EQS).

| EPER WATER | EPER AIR |
| --- | --- |
| | 1 |

| EPER SOIL |
| --- |
| 1 |

### EPER Air

Substances from List 2 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Pollutants that may affect surface and groundwater bodies and must be considered in the integrated environmental authorisation of industrial installations.

### EPER Soil

Substances from List 3 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Substances present in waste generated by IPPC installations that must be controlled and minimised within the framework of best available techniques.