# calcium cyanamide

### IDENTIFICATION NUMBERS

- **CAS:** 156-62-7
- **EC/EINECS:** 205-861-8

### MORE INFORMATION

- **Molecular Formula:** CH2N2.Ca

### USES

pesticide

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS05**

Corrosive to metals



**GHS07**

Acute toxicity (oral, dermal, inhalation

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

**H Phrases**

**H302** : Harmful if swallowed

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

**H335** : May cause respiratory irritation

STOT SE (Cat. 3) : Specific target organ toxicity - single exposure

**H318** : Causes serious eye damage

Eye Dam. (Cat. 1) : Serious eye damage/eye irritation

## Specific health risks

### Ototoxic substances

Substances with ototoxic effects

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

### 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 |
|---|---|---|---|---|---|
| — | — | 0.5 | — | — | Sen |

## 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.

## 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.).

| MEMBER STATE | ACTIVITY |
| --- | --- |
| ECHA | RMOA |
| **LAST UPDATE** | **SCOPE** |
| 2018-03-12T00:00:00 | HH, ENV |