# thiacloprid (ISO)@ (Z)-3-(6-chloro-3-pyridylmethyl)-1,3-thiazolidin-2-ylidenecyanamide@ {(2Z)-3-[(6-chloropyridin-3-yl)methyl]-1,3-thiazolidin-2-ylidene}cyanamide

## IDENTIFICATION NUMBERS

- **CAS:** 111988-49-9

## MORE INFORMATION

- **Molecular Formula:** C10H9ClN4S
- **Synonyms:** (Z)-3-(6-cloro-3-piridilmetil)-1,3-tiazolidin-2-iliden-cianamida, {(2Z)-3-[(6-cloropiridin-3-il)metil]-1,3-tiazolidin-2- iliden} cianamida

## USES

insecticide

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

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS06**

Acute toxicity (oral, dermal, inhalation)



**GHS08**

Respiratory sensitisation



**GHS09**

Hazardous to the aquatic environment

### H Phrases

**H351** : Suspected of causing cancer

Carc. (Cat. 2) : Carcinogenicity

**H360FD** : May damage fertility. Suspected of damaging the unborn child.

Repr. (Cat. 1B) : Reproductive toxicity

**H301** : Toxic if swallowed

Acute Tox. (Cat. 3) : Acute toxicity

**H332** : Harmful if inhaled

Acute Tox. (Cat. 4) : Acute toxicity

**H336** : May cause drowsiness or dizziness

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

**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

### Labelling

| Concentration | Labelling |
|---|---|
| | M=100 |
| | M=100 |

## Specific health risks

### Prohibited for pregnant workers

Substances prohibited for pregnant workers

### Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

### Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

## 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.).

### Authorized Pesticide

Active substances approved for use in plant protection products (agricultural pesticides) in the European Union under Regulation (EC) No 1107/2009. Includes herbicides, fungicides, insecticides, acaricides and other crop protection agents with current European-level approval.

**SOURCE**

Real Decreto 2163/1994