# Fenitrothion

### IDENTIFICATION NUMBERS

- **CAS:** 122-14-5
- **EC/EINECS:** 204-524-2
- **International Chemical Safety Card (ICSC):** 0622

### MORE INFORMATION

- **Molecular Formula:** C9H12NO5PS
- **Synonyms:** tiofosfato de O,O-dimetilo y de O-4-nitro-m-tolilo, fenitrotion (ISO)

### USES

insecticide, pesticide, pesticide

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

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS07**

Acute toxicity (oral, dermal, inhalation



**GHS09**

Hazardous to the aquatic environment

**Signal word:** Warning

**H Phrases**

**H302** : Harmful if swallowed

Acute Tox. (Cat. 4 *) : 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

## Specific health risks

### Endocrine disruptors

Substances with endocrine disrupting activity

**DISRUPTOR LEVEL**

NS, UE2, OSF

### Neurotoxic substances

Substances with neurotoxic effects

| NEUROTOXIC EFFECT | LEVEL |
|---|---|
| COLINÉRGICO | 2 |

**SOURCE**

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### 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 |
|---|---|---|---|
| Colinesterasa eritrocitaria | Reduccisn de la actividad al 70% del valor basal i | Discrecional (7) | F, I, S |

## 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.

### Banned biocides

Active substances whose approval for biocidal use has been denied or not renewed under Regulation (EU) No 528/2012 on biocidal products. They may not be placed on the market or used as active substances in biocidal products in the European Union.

| SOURCE | EXEMPTIONS |
|---|---|
| Reglamento (CE) 1048/2005 | 2006/09/01 |