# O-(3-chloro-4-nitrophenyl) O,O-dimethyl thiophosphate

## IDENTIFICATION NUMBERS

- **CAS:** 500-28-7
- **EC/EINECS:** 207-902-5

## MORE INFORMATION

- **Molecular Formula:** C8H9ClNO5PS
- **Synonyms:** clortion (nombre comun no adoptado por ISO), tiofosfato de O,O-dimetilo y de O-(3-cloro-4-nitrofenilo)

## USES

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

**H332** : Harmful if inhaled

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

**H312** : Harmful in contact with skin

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

**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

### Labelling

| Concentration | Labelling |
|---|---|
| C >= 0,25 % | N; R50-53 |
| 0,025 % <= C < 0,25 % | N; R51-53 |
| 0,0025 % <= C < 0,025 % | R52-53 |
| | M = 100 |

## 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).

## 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.