# naled

## IDENTIFICATION NUMBERS

- **CAS:** 300-76-5
- **EC/EINECS:** 206-098-3
- **International Chemical Safety Card (ICSC):** 0925

## MORE INFORMATION

- **Molecular Formula:** C4H7Br2Cl2O4P
- **Synonyms:** FOSFATO DE 1,2-DIBROMO-2,2-DICLOROETILO Y DE DIMETILO, DIBROM, NALED (ISO)

## 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

**H312** : Harmful in contact with skin

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

**H302** : Harmful if swallowed

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

**H319** : Causes serious eye irritation

Eye Irrit. (Cat. 2) : Serious eye damage/eye irritation

**H315** : Causes skin irritation

Skin Irrit. (Cat. 2) : Skin corrosion/irritation

**H400** : Very toxic to aquatic life

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

### Labelling

| Concentration | Labelling |
|---|---|
| C >= 0,025 % | N; R50 |
| | M = 1000 |

## Specific health risks

### Neurotoxic substances

Substances with neurotoxic effects

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

**SOURCE**

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### 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 |
|---|---|---|---|---|---|
| — | — | 3 | — | — | vía dérmica, VLBc |

## 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.