fenamiphos@Ethyl 3-methyl-4-(methylthio)phenyl-(1-methylethyl)phosphoramidate@Nemacur@Phenamiphos@

IDENTIFICATION NUMBERS

- **CAS:** 22224-92-6
- **EC/EINECS:** 244-848-1
- **International Chemical Safety Card (ICSC):** 0483

MORE INFORMATION

- **Molecular Formula:** C13H22NO3PS
- **Synonyms:** fenamifos(ISO), N-isopropilfosforamidato de etilo y de 4-metiltio-m-tolilo

USES

insecticide, pesticide

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS06

Acute toxicity (oral, dermal, inhalation)



GHS09

Hazardous to the aquatic environment

Signal word: Danger

H Phrases

H300 : Fatal if swallowed

Acute Tox. (Cat. 2) : Acute toxicity

H310 : Fatal in contact with skin

Acute Tox. (Cat. 2) : Acute toxicity

H330 : Fatal if inhaled

Acute Tox. (Cat. 2) : Acute toxicity

H319 : Causes serious eye irritation

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

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
	M = 100

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
—	—	0,05	—	—	vía dérmica, VLBa, FIV

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.

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