1-(methylthio)ethylideneamino N-methylcarbamate, methomyl (ISO)@methomyl@Lannate

IDENTIFICATION NUMBERS

- **CAS:** 16752-77-5
- **EC/EINECS:** 240-815-0
- **International Chemical Safety Card (ICSC):** 0177

MORE INFORMATION

- **Molecular Formula:** C5H10N2O2S
- **Synonyms:** METOMIL (ISO), METILCARBAMATO DE METILTIO-1-ETILIDENAMINO, METOMILO

USES

insecticide, pesticide, cutting fluid

⚠ **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

H400 : Very toxic to aquatic life

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

H300 : Fatal if swallowed

Acute Tox. (Cat. 2 *) : Acute toxicity

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 health risks

Endocrine disruptors

Substances with endocrine disrupting activity

DISRUPTOR LEVEL

NS, UE2, OSF

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
—	—	2.5	—	—	—

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
Decisión 2007/565/CE	2008/08/22