demephion-O

IDENTIFICATION NUMBERS

- **CAS:** 682-80-4
- **EC/EINECS:** 211-666-9

MORE INFORMATION

- **Molecular Formula:** C5H13O3PS2
- **Synonyms:** TIOFOSFATO DE O,O-DIMETILO Y DE O-2-METILTIOETILO, DEMEFION, DEMEFION-O (ISO)

USES

insecticide, pesticide, cutting fluid

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS06

Acute toxicity (oral, dermal, inhalation)

Signal word: **Danger**

H Phrases

H300 : Fatal if swallowed

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

H311 : Toxic in contact with skin

Acute Tox. (Cat. 3 *) : Acute toxicity

Specific health risks

Endocrine disruptors

Substances with endocrine disrupting activity

DISRUPTOR LEVEL

UE2

Neurotoxic substances

Substances with neurotoxic effects

NEUROTOXIC EFFECT	LEVEL
COLINÉRGICO	2

SOURCE

19

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	Redución 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.