tris(ethylmercury) phosphate

IDENTIFICATION NUMBERS

- **CAS:** 2235-25-8
- **EC/EINECS:** 218-790-2

MORE INFORMATION

- **Molecular Formula:** C2H5HgO4P.2H
- **Synonyms:** ETIL[FOSFATO (3-)-O]-MERCURATO (2-) DE DIHIDROGENO, FOSFATO DE ETILMERCURIO, FUSARIOL UNIVERSAL, GRANOSAN M, HSDB 6424, LIGNASAN, N. I.CERESAN, RUBERON GRANULO, SOILSIN, ETIL[FOSFATO(3-)-O]-MERCURATO (2-) DE DIHIDROGENO

USES

pesticide

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS06

Acute toxicity (oral, dermal, inhalation)



GHS08

Respiratory sensitisation



GHS09

Hazardous to the aquatic environment

Signal word: Danger

H Phrases

H310 : Fatal in contact with skin

Acute Tox. (Cat. 1) : Acute toxicity

H300 : Fatal if swallowed

Acute Tox. (Cat. 2 *) : 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

H373 : May cause damage to organs through prolonged or repeated exposure

STOT RE (Cat. 2 *) : Specific target organ toxicity - repeated exposure

H330 : Fatal if inhaled

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

Nota A.Nota 1.

Notes

- R.1272-Note A
- R.1272-Note 1

Labelling

Concentration	Labelling
C >= 25 %:	T+, N; R26/27/28-33-50/53
2,5 % <= C < 25 %:	T+, N; R26/27/28-33-51/53
1% <= C < 2,5 %:	T+; R26/27/28-33-52/ 53
0,5 % <= C < 1 %:	T; R23/24/25-33-52/53
0,25 % <= C < 0,5 %:	Xn; R20/21/22-33-52/53
0,05 % <= C < 0,25 %:	Xn; R20/21/22-33
	*
C >= 0,1 %	STOT repe., 2; H373

Specific health risks

Neurotoxic substances

Substances with neurotoxic effects

NEUROTOXIC EFFECT	LEVEL
SNC / OTOTÓXICO	4

SOURCE

14, 25

Ototoxic substances

Substances with ototoxic effects

NEUROTOXIC EFFECT	SOURCE
SNC / OTOTÓXICO	14, 25

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
—	—	0.01	—	0.03	vía dérmica, s

Restriction/prohibition regulations

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.).