orthophosphoric acid

IDENTIFICATION NUMBERS

- **CAS:** 7664-38-2
- **EC/EINECS:** 231-633-2
- **International Chemical Safety Card (ICSC):** 1008

MORE INFORMATION

- **Molecular Formula:** H3O4P
- **Synonyms:** ÁCIDO ORTOFOSFÓRICO ...%, ÁCIDO FOSFÓRICO, ÁCIDO FOSFÓRICO ... %

USES

fungicide, rinsing agent, herbicide, anticorrosive, degreaser, solvent, paint, cleaner, additive, buffer, fertilizer, microbiocidal

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS05

Corrosive to metals

Signal word: **Danger**

H Phrases

H314 : Causes severe skin burns and eye damage

Skin Corr. (Cat. 1B) : Skin corrosion/irritation

Nota B.

Notes

- R.1272-Note B

Labelling

Concentration	Labelling
C >= 25 %	C; R34
10 % <= C < 25 %	Xi; R36/38
C >= 25 %	Corr. cut., 1B; H314
10 % <= C < 25 %	Irrit. cut., 2; H315
10 % <= C < 25 %	Irrit. oc., 2; H319

Specific health risks

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
—	—	1	—	2	VLI

Restriction/prohibition regulations

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

Decisión 2008/809/CE

EXEMPTIONS

2009/10/25