Phosphorus

IDENTIFICATION NUMBERS

- **CAS:** 7723-14-0
- **EC/EINECS:** 231-768-7

MORE INFORMATION

- **Molecular Formula:** P
- **Synonyms:** FOSFORO SOLIDO, FOSFORO ROJO

USES

pesticide, flame retardant

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02
Flammable gases



GHS05
Corrosive to metals



GHS06
Acute toxicity (oral, dermal, inhalation)



GHS09
Hazardous to the aquatic environment

Signal word: **Danger**

H Phrases

H250 : Catches fire spontaneously if exposed to air

H330 : Fatal if inhaled

H300 : Fatal if swallowed

H314 : Causes severe skin burns and eye damage

H400 : Very toxic to aquatic life

Specific health risks

Ototoxic substances

Substances with ototoxic effects

NEUROTOXIC EFFECT	SOURCE
hipoacusia neurosensorial bilateral	EU-OSHA https://www.dol.gov/sites/dolgov/files/owcp/energy/regs/compliance/advboard/eu-osha061917.pdf

Environmental regulations

LPCIC (EPER)

Priority substances and specific pollutants within the EU water policy framework, established by the Water Framework Directive (2000/60/EC) and the Priority Substances Directive (2008/105/EC and amendments). Substances posing significant risk to European surface waters and subject to Environmental Quality Standards (EQS).

EPER WATER	EPER AIR
EPER SOIL	
1	

EPER Soil

Substances from List 3 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Substances present in waste generated by IPPC installations that must be controlled and minimised within the framework of best available techniques.

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.