perchloric acid

IDENTIFICATION NUMBERS

- **CAS:** 7601-90-3
- **EC/EINECS:** 231-512-4
- **International Chemical Safety Card (ICSC):** 1006

MORE INFORMATION

- **Molecular Formula:** ClHO4
- **Synonyms:** ACIDO PERCLORICO ...%

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS03

Oxidising gases



GHS05

Corrosive to metals

Signal word: **Danger**

H Phrases

H271 : May cause fire or explosion; strong oxidizer

Ox. Liq. (Cat. 1) : Oxidising liquid

H314 : Causes severe skin burns and eye damage

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

Notes

- R.1272-Note B

Labelling

Concentration	Labelling
C >= 50 %	C; R35
10 % <= C < 50 %	C; R34
1 % <= C < 10 %	Xi; R36/38
C > 50%	Footnote O; R5-8
C >= 50 %	Corr. cut., 1A; H314
10 % <= C < 50 %	Corr. cut., 1B; H314
1 % <= C < 10 %	Irrit. cut., 2; H315
1 % <= C < 10 %	Irrit. oc., 2; H319
C > 50 %	Líq. comb., 1; H271
C <= 50 %	Líq. comb., 2; H272

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
	1

EPER Air

Substances from List 2 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Pollutants that may affect surface and groundwater bodies and must be considered in the integrated environmental authorisation of industrial installations.

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.

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.).

MEMBER STATE	ACTIVITY
Germany	RMOA
LAST UPDATE	**SCOPE**
2016-06-13T00:00:00	ED