peracetic acid

IDENTIFICATION NUMBERS

- **CAS:** 79-21-0
- **EC/EINECS:** 201-186-8
- **International Chemical Safety Card (ICSC):** 1031

MORE INFORMATION

- **Molecular Formula:** C2H4O3
- **Synonyms:** ACIDO PERACETICO ... %

USES

pesticide, disinfectant, cleaner

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02

Flammable gases



GHS05

Corrosive to metals



GHS07

Acute toxicity (oral, dermal, inhalation



GHS09

Hazardous to the aquatic environment

Signal word: **Danger**

H Phrases

H226 : Flammable liquid and vapour

Flam. Liq. (Cat. 3) : Flammable liquid

H242 : Heating may cause a fire

Org. Perox. (Cat. D ****) : Organic peroxide

H332 : Harmful if inhaled

Acute Tox. (Cat. 4 *) : Acute toxicity

H312 : Harmful in contact with skin

Acute Tox. (Cat. 4 *) : Acute toxicity

H302 : Harmful if swallowed

Acute Tox. (Cat. 4 *) : Acute toxicity

H314 : Causes severe skin burns and eye damage

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

H400 : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

Notes

- R.1272-Note B
- R.1272-Note D

Labelling

Concentration	Labelling
C >= 10 %	Xn; R20/21/22
C >= 10 %	C; R35
5 % <= C < 10 %	C; R34
1 % <= C < 5 %	Xi; R36/37/38
	*
C >= 1 %	STOT única, 3; H335

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.).