# 3-pentanol@pentan-3-ol

### IDENTIFICATION NUMBERS

- **CAS:** 584-02-1
- **EC/EINECS:** 209-526-7
- **International Chemical Safety Card (ICSC):** 0536

### MORE INFORMATION

- **Molecular Formula:** C5H12O
- **Synonyms:** 3-PENTANOL

### USES

degassing, degreaser, disinfectant, cleaner, dehydrating

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS02**

Flammable gases



**GHS07**

Acute toxicity (oral, dermal, inhalation

**Signal word:** **Warning**

**H Phrases**

**H226** : Flammable liquid and vapour

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

**H332** : Harmful if inhaled

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

**H335** : May cause respiratory irritation

STOT SE (Cat. 3) : Specific target organ toxicity - single exposure

**H315** : Causes skin irritation

Skin Irrit. (Cat. 2) : Skin corrosion/irritation

## Specific environmental risks

### Volatile organic compounds

Volatile Organic Compounds (VOCs) regulated by Directive 1999/13/EC on the limitation of VOC emissions from certain activities, and by Royal Decrees 117/2003 and 227/2006. Substances contributing to tropospheric ozone formation that are subject to emission limits in industrial activities.

## 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 |
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### 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.