# 2-hydroxypropyl acrylate

## IDENTIFICATION NUMBERS

- **CAS:** 999-61-1
- **EC/EINECS:** 213-663-8
- **International Chemical Safety Card (ICSC):** 0899

## MORE INFORMATION

- **Molecular Formula:** C6H10O3
- **Synonyms:** ACRILATO DE HIDROXIPROPILO (2)

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS05**

Corrosive to metals



**GHS06**

Acute toxicity (oral, dermal, inhalation)

**Signal word:** **Danger**

### H Phrases

**H311** : Toxic in contact with skin

Acute Tox. (Cat. 3 *) : Acute toxicity

**H301** : Toxic if swallowed

Acute Tox. (Cat. 3 *) : Acute toxicity

**H314** : Causes severe skin burns and eye damage

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

**H317** : May cause an allergic skin reaction

Skin Sens. (Cat. 1) : Respiratory/skin sensitization

**H331** : Toxic if inhaled

Acute Tox. (Cat. 3 *) : Acute toxicity

*Nota C.Nota D.*

### Notes

- R.1272-Note C
- R.1272-Note D

### Labelling

| Concentration | Labelling |
|---|---|
| C >= 2 % | T; R23/24/25 |
| 0,2 % <= C < 2 % | Xn; R20/21/22 |
| C >= 0,2 % | R43 |
| | * |
| C >= 0,2 % | Sens. cut., 1; H317 |

## 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 |
|---|---|---|---|---|---|
| — | 0.5 | 2.7 | — | — | vía dérmica, Sen |

### Sensitisers

Substances with skin or respiratory sensitisation potential

## 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.