# 4-methylpent-3-en-2-one

### IDENTIFICATION NUMBERS

- **CAS:** 141-79-7
- **EC/EINECS:** 205-502-5
- **International Chemical Safety Card (ICSC):** 0814

### MORE INFORMATION

- **Molecular Formula:** C6H10O
- **Synonyms:** OXIDO DE MESITILO, 4-METIL-3-PENTEN-2-ONA

### USES

pesticide, solvent

## 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

**H312** : Harmful in contact with skin

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

**H302** : Harmful if swallowed

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

**Labelling**

| Concentration | Labelling |
|---|---|
| C >= 5 % | Xn; R20/21/22 |
| | * |

## 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 |
|---|---|---|---|---|---|
| — | 15 | 61 | 25 | 102 | — |

## 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.).