# ethane

### IDENTIFICATION NUMBERS

- **CAS:** 74-84-0
- **EC/EINECS:** 200-814-8
- **International Chemical Safety Card (ICSC):** 0266

### MORE INFORMATION

- **Molecular Formula:** C2H6
- **Synonyms:** GAS COMBUSTIBLE

### USES

fuel

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS02**

Flammable gases



**GHS04**

Gases under pressure

### Signal word: Danger

### H Phrases

**H???**

Gas a pres.,

**H220** : Extremely flammable gas

Flam. Gas (Cat. 1) : Flammable gas

*Nota U.*

### Notes

- R.1272-Note U

## 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 |
|---|---|---|---|---|---|
| — | 1000 | — | — | — | — |

## Specific environmental risks

### Atmospheric emissions

Substances subject to atmospheric emission limitations under the Industrial Emissions Directive (2010/75/EU) and its Spanish transposition. Includes pollutants regulated in industrial installation emission permits and best available technique reference documents (BAT/BREF).

## 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.