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.