# 3,4-xylidine

### IDENTIFICATION NUMBERS

- **CAS:** 95-64-7
- **EC/EINECS:** 202-437-4

### MORE INFORMATION

- **Molecular Formula:** C8H11N
- **Synonyms:** 3,4-dimetil-bencenamina, 1-amino-3,4-dimetilbenceno, 3,4-dimetilaminobenceno, 3,4-dimetilanilina, 3,4-dimetilbencenamina, 3,4-dimetilfenilamina, 3,4-xililamina, 4-amino-1,2-dimetilbenceno, 4-amino-o-xileno, anilina, 3,4-dimetil, 4-amino-1,2-dimetil-benceno

⚠ **Black list — Substances particularly hazardous to the environment or health**

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS06**
Acute toxicity (oral, dermal, inhalation)



**GHS08**
Respiratory sensitisation



**GHS09**
Hazardous to the aquatic environment

**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

**H411** : Toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 2) : Hazardous to the aquatic environment

**H373** : May cause damage to organs through prolonged or repeated exposure

STOT RE (Cat. 2 *) : Specific target organ toxicity - repeated exposure

**H331** : Toxic if inhaled

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

*Nota C.*

**Notes**

- R.1272-Note C

## 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 | 2.5 | — | — | vía dérmica, VLBm |

## Restriction/prohibition regulations

### 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.).