# butylamine

## IDENTIFICATION NUMBERS

- **CAS:** 109-73-9
- **EC/EINECS:** 203-699-2
- **International Chemical Safety Card (ICSC):** 0374

## MORE INFORMATION

- **Molecular Formula:** C4H11N
- **Synonyms:** n-BUTILAMINA

## USES

solvent

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS02**

Flammable gases



**GHS05**

Corrosive to metals



**GHS07**

Acute toxicity (oral, dermal, inhalation

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

### H Phrases

**H225** : Highly flammable liquid and vapour

Flam. Liq. (Cat. 2) : 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

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

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

### Labelling

| Concentration | Labelling |
|---|---|
| C >= 10 % | C; R35 |
| 5 % <= C < 10 % | C; R34 |
| 1 % <= C < 5 % | Xi; R36/37/38 |
| C >= 1 % | STOT única, 3; H335 |

## 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)

**OEL DATA**

VLA-EC15 mg/m35 ppm

## 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.).