# 1,2,3,4-tetrahydro-1-naphthyl hydroperoxide

## IDENTIFICATION NUMBERS

- **CAS:** 771-29-9
- **EC/EINECS:** 212-230-0

## MORE INFORMATION

- **Molecular Formula:** C10H12O2
- **Synonyms:** HIDROPEROXIDO DE 1,2,3,4-TETRAHIDRO-1-NAFTILO

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

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS02**

Flammable gases



**GHS05**

Corrosive to metals



**GHS07**

Acute toxicity (oral, dermal, inhalation



**GHS09**

Hazardous to the aquatic environment

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

### H Phrases

**H242** : Heating may cause a fire

Org. Perox. (Cat. D) : Organic peroxide

**H302** : Harmful if swallowed

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

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

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

**H400** : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

**H410** : Very toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 1) : Hazardous to the aquatic environment

### Labelling

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

## 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.