tert-butyl α,α-dimethylbenzyl peroxide

Name (English): tert-butyl α,α-dimethylbenzyl peroxide

IDENTIFICATION NUMBERS

- **CAS:** 3457-61-2
- **EC/EINECS:** 222-389-8

MORE INFORMATION

- **Molecular Formula:** C13H20O2
- **Synonyms:** PEROXIDO DE terc-BUTILO Y DE alfa,alfa-DIMETILBENCILO

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02

Flammable gases



GHS07

Acute toxicity (oral, dermal, inhalation



GHS09

Hazardous to the aquatic environment

Signal word: Warning

H Phrases

H242 : Heating may cause a fire

Org. Perox. (Cat. E Irrit. cut.) : Organic peroxide

H315 : Causes skin irritation

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

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.).