bis(α,α-dimethylbenzyl) peroxide

IDENTIFICATION NUMBERS

- **CAS:** 80-43-3
- **EC/EINECS:** 201-279-3
- **International Chemical Safety Card (ICSC):** 1346

MORE INFORMATION

- **Molecular Formula:** C18H22O2
- **Synonyms:** PEROXIDO DE bis(alfa,alfa-DIMETILBENCILO)

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02
Flammable gases



GHS07
Acute toxicity (oral, dermal, inhalation



GHS08
Respiratory sensitisation



GHS09
Hazardous to the aquatic environment

Signal word: **Warning**

H Phrases

H242 : Heating may cause a fire

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

H360D : May damage the unborn child.

Repr. (Cat. 1B) : Reproductive toxicity

H319 : Causes serious eye irritation

Eye Irrit. (Cat. 2) : Serious eye damage/eye irritation

H315 : Causes skin irritation

Skin Irrit. (Cat. 2) : Skin corrosion/irritation

H411 : Toxic to aquatic life with long lasting effects

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

Specific health risks

Prohibited for pregnant workers

Substances prohibited for pregnant workers

Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

Restriction/prohibition regulations

Substances under CoRAP evaluation

Substances included in the Community Rolling Action Plan (CoRAP) of the REACH Regulation. These are substances selected for evaluation by EU Member States due to indications of risk to human health or the environment, with the aim of clarifying whether regulatory action is warranted.

YEAR	MEMBER STATE
2015	Norway

INITIAL GROUNDS FOR CONCERN

Environment/ (Suspected) PBT; Exposure/ Wide dispersive use, consumer use, environmental exposure, occupational exposure, high RCR, high (aggregated) tonnage

REACH Candidates

Substances of Very High Concern (SVHC) identified by ECHA and included on the REACH Candidate List. These are substances with CMR, PBT, vPvB or endocrine disrupting properties liable to be included in Annex XIV (authorisation). Their inclusion generates notification obligations for articles containing them.

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.).

MEMBER STATE	ACTIVITY
Norway	Hazard assessment
LAST UPDATE	**SCOPE**
2015-04-01T00:00:00	PBT