benzoyl peroxide, dibenzoyl peroxide@benzoyl peroxide, dibenzoyl peroxide@dibenzoyl peroxide

IDENTIFICATION NUMBERS

- **CAS:** 94-36-0
- **EC/EINECS:** 202-327-6
- **International Chemical Safety Card (ICSC):** 0225

MORE INFORMATION

- **Molecular Formula:** C14H10O4
- **Synonyms:** PEROXIDO DE BENZOILO, PEROXIDO DE DIBENZOILO

USES

catalyst, pesticide, paint, additive

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS01

Unstable explosives



GHS02

Flammable gases



GHS07

Acute toxicity (oral, dermal, inhalation

Signal word: **Danger**

H Phrases

H241 : Heating may cause a fire or explosion

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

H319 : Causes serious eye irritation

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

H317 : May cause an allergic skin reaction

Skin Sens. (Cat. 1) : Respiratory/skin sensitization

Specific health risks

According to IARC

Substances classified as carcinogens or mutagens Category 2 under the CLP Regulation (GHS), bearing H351 and/or H341 phrases. These are substances suspected of causing cancer or heritable genetic mutations in humans.

IARC GROUP

Grupo 3

IARC VOLUME

(Vol. 36, SUPL. 7, Vol. 71; 1999)

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
—	—	5	—	—	Sen

Sensitisers

Substances with skin or respiratory sensitisation potential

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.).