chloro-1,1'-biphenyl

IDENTIFICATION NUMBERS

- **CAS:** 27323-18-8
- **EC/EINECS:** 248-405-3

MORE INFORMATION

- **Molecular Formula:** C12H9Cl
- **Synonyms:** PCB, KANECLOR 500, MONOCLOROBIFENIL

USES

adhesive, flame retardant

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

No classifications available

Specific health risks

Endocrine disruptors

Substances with endocrine disrupting activity

DISRUPTOR LEVEL

NS

Neurotoxic substances

Substances with neurotoxic effects

NEUROTOXIC EFFECT	LEVEL
SNC / SNP	4

SOURCE

22

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	IARC VOLUME
Grupo 2A	(VOL. 18, SUPL. 7; 1987)

Specific environmental risks

Persistent organic pollutants

Substances identified as persistent organic pollutants

POP	LINK
A; C	http://www.sustainlabour.org/pops/index.php?option=com_content&task=view&id=74&Itemid=212

Environmental regulations

LPCIC (EPER)

Priority substances and specific pollutants within the EU water policy framework, established by the Water Framework Directive (2000/60/EC) and the Priority Substances Directive (2008/105/EC and amendments). Substances posing significant risk to European surface waters and subject to Environmental Quality Standards (EQS).

EPER WATER	EPER AIR
1	

EPER Water

Substances from List 1 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Atmospheric pollutants —including SO_2, NOx, heavy metals and organic compounds— that must be taken into account when setting emission limit values for IPPC installations.

Restriction/prohibition regulations

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.).