Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-@TDE@1,1-Bis(4-chlorophenyl)-2,2-dichloroethane@1,1-Bis(p-chlorophenyl)-2,2-dichloroethane@1,1-Dichloro-2,2-bis(4-chlorophenyl)ethane@1,1-Dichloro-2,2-bis(p-chlorophenyl)ethane@1,1-Dichloro-2,2-bis(parachlorophenyl)ethane@1,1-Dichloro-2,2-di(4-chlorophenyl)ethane@2,2-Bis(4-chlorophenyl)-1,1-dichloroethane@2,2-Bis(p-chlorophenyl)-1,1-dichloroethane@4,4'-DDD@Dichlorodiphenyl dichloroethane@Dilene@Ethane, 1,1-dichloro-2,2-bis(p-chlorophenyl)-@Tetrachlorodiphenylethane@p,p'-DDD@p,p'-Dichlorodiphenyl-2,2-dichloroethylene@p,p'-Dichlorodiphenyldichloroethane@p,p'-TDE

IDENTIFICATION NUMBERS

- **CAS:** 72-54-8
- **EC/EINECS:** 200-783-0

MORE INFORMATION

- **Molecular Formula:** C14-H10-Cl4
- **Synonyms:** DDD, DICLORODIFENILDICLOROETANO, p,p'-DDD

USES

herbicide, pesticide

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

No classifications available

Specific health risks

Carcinogens (other sources)

Substances classified as carcinogens or mutagens Category 3 under the Dangerous Preparations Directive criteria (pre-CLP). Substances with limited evidence or indications of carcinogenicity or mutagenicity.

CATEGORY	SOURCE
CP	CP65

Endocrine disruptors

Substances with endocrine disrupting activity

DISRUPTOR LEVEL
NS, UE2

Neurotoxic substances

Substances with neurotoxic effects

LEVEL
1

Specific environmental risks

Persistent bioaccumulative and toxic

Substances identified as Persistent, Bioaccumulative and Toxic (PBT) according to the criteria of Annex XIII of the REACH Regulation. They pose a special risk of accumulation in the environment and in the food chain.

SOURCES	LINK
OSPAR	http://www.ospar.org/v_substances/get_page.asp?v1=72548.xls

Aquatic toxicity (Water Framework Directive)

Substances classified with acute aquatic toxicity under the CLP Regulation (H400 phrase, Aquatic Acute 1). They present an immediate hazard to aquatic organisms, and their use or discharge can cause rapid damage to aquatic ecosystems.

Soil contaminants

Substances identified as soil contaminants under Spanish and European environmental regulations. Includes substances capable of persisting in soil, bioaccumulating in the terrestrial food chain, and affecting soil ecosystems and groundwater.

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
EPER SOIL	
1	

EPER Soil

Substances from List 3 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Substances present in waste generated by IPPC installations that must be controlled and minimised within the framework of best available techniques.