2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate

IDENTIFICATION NUMBERS

- **CAS:** 15571-58-1
- **EC/EINECS:** 239-622-4

MORE INFORMATION

- **Molecular Formula:** C36H72O4S2Sn
- **Synonyms:** DI-2-ETILHEXIL ESTERbis(CARBOXIMETILTIO)DIOCTILESTANNILENO, DI(2-ETILHEXIL) ESTER, DI-n-OCTILESTAÑO bis(2-ETILHEXIL MERCAPTOACETATO)DIOCTILESTAÑO, bis(2-ETILHEXILMERCAPTOACETATO)DIOCTILESTAÑO bis(2-ETILHEXILMERCAPTOACETATO), ACIDO 8-OXA-3,5-DITIA-4-STANNATOTRADECANOICO, 10-ETIL-4,4-DIOCTIL-7-OXO-, 2-ETILHEXIL ESTER, 10-ETIL-4,4-DIOCTIL-7-OXO-8-OXA-3,5-DITIA-4-ESTAÑO-TETRADECANOATO DE 2-ETIL-HEXIL, 2,2'-[(DIOCTIL-ESTANNILENO)bis(TIO)]bis-ACETATO DE DI-2-ETIL-HEXILO e, ACIDO 2,2'-[(DIOCTILESTANNILENO)bis(TIO)]bis-2-ETILHEXIL 10-ETIL-4,4-DIOCTIL-7-OXO-8-OXA-3,5-DITIA-4-ESTANNATOTRADECANOATOACETICO

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS08

Respiratory sensitisation



GHS09

Hazardous to the aquatic environment

Signal word: **Danger**

H Phrases

H360D : May damage the unborn child.

Repr. (Cat. 1B) : Reproductive toxicity

H372 : Causes damage to organs through prolonged or repeated exposure

STOT RE (Cat. 1) : Specific target organ toxicity - repeated exposure

H400 : Very toxic to aquatic life

Acuático agudo, 1

H410 : Very toxic to aquatic life with long lasting effects

Acuático crónico, 1

Specific health risks

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
—	—	0.1	—	0.2	vía dérmica

Prohibited for pregnant workers

Substances prohibited for pregnant workers

Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

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

1

EPER AIR

EPER SOIL

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

Restricted substances under REACH

Substances listed in Annex XVII of the REACH Regulation (EC) No 1907/2006, subject to restrictions on their manufacture, placing on the market or use. Restrictions may be total or partial, limiting specific applications, maximum concentrations or user groups.

NOTES

Limitations: 1. May not be placed on the market as substances and constituents of preparations when they act as conventional antifouling biocides where they are not chemically bound to the main paint resin. 2. May not be placed on the market or used as substances and constituents of preparations which act as biocides intended to prevent fouling by micro-organisms, plants or animals in: All vessels, irrespective of their length, intended for use in marine channels, coastal waterways, estuaries, inland waterways and lakes; Boxes, floats or nets or any other gear or equipment used in fish and shellfish farming; Any totally or partially submerged equipment or gear. 3. Substances and constituents of preparations intended for use in the treatment of industrial waters shall not be admitted as substances and constituents of preparations intended for use in the treatment of industrial waters. RD 1406/1989. Annex I. Part I

Substances subject to REACH authorization

Substances listed in Annex XIV of the REACH Regulation, subject to the prior authorisation scheme. To use them after the sunset date, companies must obtain authorisation from ECHA, demonstrating adequate risk control or the absence of viable alternatives.

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.

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
Germany	RMOA
LAST UPDATE	**SCOPE**
2019-04-02T00:00:00	CMR