tributyl(((isooctyltio)acetyl)oxi)-stannane

IDENTIFICATION NUMBERS

- **CAS:** 30402-09-6

MORE INFORMATION

- **Molecular Formula:** C22H46O2SSn
- **Synonyms:** tributilestaño, isooctiltioglicolato, tri-n-butilestaño, isooctil tioglicolato, tributil(((isooctiltio)acetil)oxi)-estaño, tributiltenn isooctiltioglicolatotri-n-butilestaño isooctil tioglicolato, isooctil tioglicolato detri-n-butilestaño

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS06

Acute toxicity (oral, dermal, inhalation)



GHS08

Respiratory sensitisation



GHS09

Hazardous to the aquatic environment

Signal word: Danger

H Phrases

H312 : Harmful in contact with skin

Acute Tox. (Cat. 4 *) : Acute toxicity

H372 : Causes damage to organs through prolonged or repeated exposure

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

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

H400 : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

H410 : Very toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 1) : Hazardous to the aquatic environment

H301 : Toxic if swallowed

Acute Tox. (Cat. 3 *) : Acute toxicity

Nota A.Nota 1.

Notes

- R.1272-Note A
- R.1272-Note 1

Labelling

Concentration	Labelling
C >= 25 %:	T, N; R21-25-36/38-48/23/25- 50/53
2,5 % <= C < 25 %:	T, N; R21-25-36/38- 48/23/25-51/53
1% <= C < 2,5 %:	T; R21-25-36/38-48/23/ 25-52/53
0,25 % <= C < 1 %:	Xn; R22-48/20/22-52/ 53
	*

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

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 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.