triethylamine

IDENTIFICATION NUMBERS

- **CAS:** 121-44-8
- **EC/EINECS:** 204-469-4
- **International Chemical Safety Card (ICSC):** 0203

MORE INFORMATION

- **Molecular Formula:** C6H15N

USES

sealant, pesticide, solvent, paint

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS02

Flammable gases



GHS05

Corrosive to metals



GHS06

Acute toxicity (oral, dermal, inhalation)

Signal word: **Danger**

H Phrases

H225 : Highly flammable liquid and vapour

Flam. Liq. (Cat. 2) : Flammable liquid

H331 : Toxic if inhaled

Acute Tox. (Cat. 3) : Acute toxicity

H311 : Toxic in contact with skin

Acute Tox. (Cat. 3) : Acute toxicity

H301 : Toxic if swallowed

Acute Tox. (Cat. 3) : Acute toxicity

H314 : Causes severe skin burns and eye damage

Skin Corr. (Cat. 1A) : Skin corrosion/irritation

H318 : Causes serious eye damage

Eye Dam. (Cat. 1) : Serious eye damage/eye irritation

Labelling

Concentration	Labelling
C >= 10 %	C; R35
5 % <= C < 10 %	C; R34
1 % <= C < 5 %	Xi; R36/37/38
Inhalation	ATE=7,2mg/L (vapours)
dermal	ATE=300 mg/kg bw
oral	ATE=100 mg/kg bw
STOT única, 3; H335	C >= 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
—	2	8.4	3	12.6	vía dérmica, f, VLI

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
REACH	http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d94ed1a-4564-0cb1-e044-00144f67d249/DISS-9d94ed1a-4564-0cb1-e044-00144f67d249_DISS-9d94ed1a-4564-0cb1-e044-00144f67d249.html

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.).