benfluralin (ISO); N-butyl-N-ethyl-α,α,α-trifluoro-2,6-dinitro-p-toluidine

IDENTIFICATION NUMBERS

- **CAS:** 1861-40-1
- **EC/EINECS:** 217-465-2

MORE INFORMATION

- **Molecular Formula:** C13H16F3N3O4
- **Synonyms:** BENFLURALIN

USES

pesticide

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

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS07

Acute toxicity (oral, dermal, inhalation



GHS08

Respiratory sensitisation



GHS09

Hazardous to the aquatic environment

H Phrases

H351 : Suspected of causing cancer

Carc.,2

H361d : Suspected of damaging the unborn child.

Repr.,2

H315 : Causes skin irritation

Skin Irrit. (Cat. 2) : Skin corrosion/irritation

H319 : Causes serious eye irritation

Irrit. oc.,2

H317 : May cause an allergic skin reaction

Sens. cut.,1

H400 : Very toxic to aquatic life

Acuático agudo, 1

H410 : Very toxic to aquatic life with long lasting effects

Acuático crónico, 1

Labelling

Concentration	Labelling
	M= 10
	M=10'

Specific health risks

Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

Reproductive toxicants

Substances classified as toxic for reproduction under Regulation 1272/2008

Sensitisers

Substances with skin or respiratory sensitisation potential

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=1861401.xls

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.).

Authorized Pesticide

Active substances approved for use in plant protection products (agricultural pesticides) in the European Union under Regulation (EC) No 1107/2009. Includes herbicides, fungicides, insecticides, acaricides and other crop protection agents with current European-level approval.

SOURCE

Real Decreto 2163/1994