# tetrafluoroethylene

### IDENTIFICATION NUMBERS

- **CAS:** 116-14-3
- **EC/EINECS:** 204-126-9

### MORE INFORMATION

- **Molecular Formula:** C2F4

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

**Symbols**



**GHS02**

Flammable gases

**H Phrases**

**H350** : May cause cancer

Carc.,1B

## 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**

G-A3, N-2, CP

**SOURCE**

ACGIH, NTP, CP65

### Neurotoxic substances

Substances with neurotoxic effects

**LEVEL**

2

### According to IARC

Substances classified as carcinogens or mutagens Category 2 under the CLP Regulation (GHS), bearing H351 and/or H341 phrases. These are substances suspected of causing cancer or heritable genetic mutations in humans.

**IARC GROUP**

Grupo 2B

**IARC VOLUME**

(VOL. 19, SUPL. 7, VOL. 71; 1999)

### 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)

### Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008

## Specific environmental risks

### Hazardous water substances (Germany)

Substances classified with chronic aquatic toxicity under the CLP Regulation (H410–H413 phrases, Aquatic Chronic categories 1 to 4). They pose a long-term hazard to aquatic organisms, even at low concentrations and through prolonged exposure.

**MMA CLASSIFICATION**

2

## 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.).

| MEMBER STATE | ACTIVITY |
| --- | --- |
| Ireland | RMOA |
| **LAST UPDATE** | **SCOPE** |
| 2018-12-05T00:00:00 | CMR |