# hexafluoropropene

IDENTIFICATION NUMBERS

- **CAS:** 116-15-4
- **EC/EINECS:** 204-127-4

MORE INFORMATION

- **Molecular Formula:** C3F6
- **Synonyms:** PERFLUOROPROPENO

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

### Symbols



**GHS07**

Acute toxicity (oral, dermal, inhalation

### Signal word: Warning

### H Phrases

**H332** : Harmful if inhaled

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

**H335** : May cause respiratory irritation

STOT SE (Cat. 3) : Specific target organ toxicity - single exposure

### H???

Gas a pres.,

*Nota U.*

### Notes

- R.1272-Note U

## Specific health risks

### Biological Exposure Indices (BEI)

Biological limit values (VLB) published by the Spanish National Institute of Safety and Health at Work (INSST). Reference values for assessing the risk of chemical agents by measuring them or their metabolites in biological matrices (blood, urine, exhaled air) of exposed workers.

**BIOLOGICAL EXPOSURE INDICES**

| Biological indicator | BEI | Sampling time | Notes |
|---|---|---|---|
| Fluoruros en orina | 8 mg/l | Final de la jornada laboral (2) | F, I |

## 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**

1

### Atmospheric emissions

Substances subject to atmospheric emission limitations under the Industrial Emissions Directive (2010/75/EU) and its Spanish transposition. Includes pollutants regulated in industrial installation emission permits and best available technique reference documents (BAT/BREF).

## 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**

**EPER AIR**

1

**EPER SOIL**

1

### EPER Air

Substances from List 2 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Pollutants that may affect surface and groundwater bodies and must be considered in the integrated environmental authorisation of industrial installations.

### EPER Soil

Substances from List 3 of Annex III of the IPPC Directive (integrated into the Industrial Emissions Directive 2010/75/EU). Substances present in waste generated by IPPC installations that must be controlled and minimised within the framework of best available techniques.

## Restriction/prohibition regulations

### Substances under CoRAP evaluation

Substances included in the Community Rolling Action Plan (CoRAP) of the REACH Regulation. These are substances selected for evaluation by EU Member States due to indications of risk to human health or the environment, with the aim of clarifying whether regulatory action is warranted.

| YEAR | MEMBER STATE |
| --- | --- |
| 2015 | Italy |

**INITIAL GROUNDS FOR CONCERN**

Human health/Suspected CMR; High (aggregated) tonnage

### 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.).