# chloro-1,1,1-trifluoroethane

**IDENTIFICATION NUMBERS**

- **CAS:** 75-88-7
- **EC/EINECS:** 200-912-0
- **International Chemical Safety Card (ICSC):** 1299

**MORE INFORMATION**

- **Molecular Formula:** C2H2ClF3
- **Synonyms:** HCFC-133a, 2-CLORO-1,1,1-TRIFLUOROETANO

## CLASSIFICATION AND LABELLING (Regulation 1272/2008)

*No classifications available*

## Specific health risks

### 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 | IARC VOLUME |
|---|---|
| Grupo 3 | (VOL. 41, SUPL. 7, VOL. 71; 1999) |

## Specific environmental risks

### Ozone layer damage

Substances that cause damage to the stratospheric ozone layer, classified with H420 phrase under the CLP Regulation. Mainly includes substances regulated by the Montreal Protocol such as chlorofluorocarbons (CFCs), halons and others.

## 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 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.