

From:
Sent: jeudi, 21 septembre 2023 14:05
To:

Subject: Volksgezondheid)
FW: EFCTC Newsletter Issue n.206 – September 2023

From: Fluorocarbons <[REDACTED]@cefic.be>
Sent: vendredi, 15 septembre 2023 16:58
To: A
Subject: EFCTC Newsletter Issue n.206 – September 2023

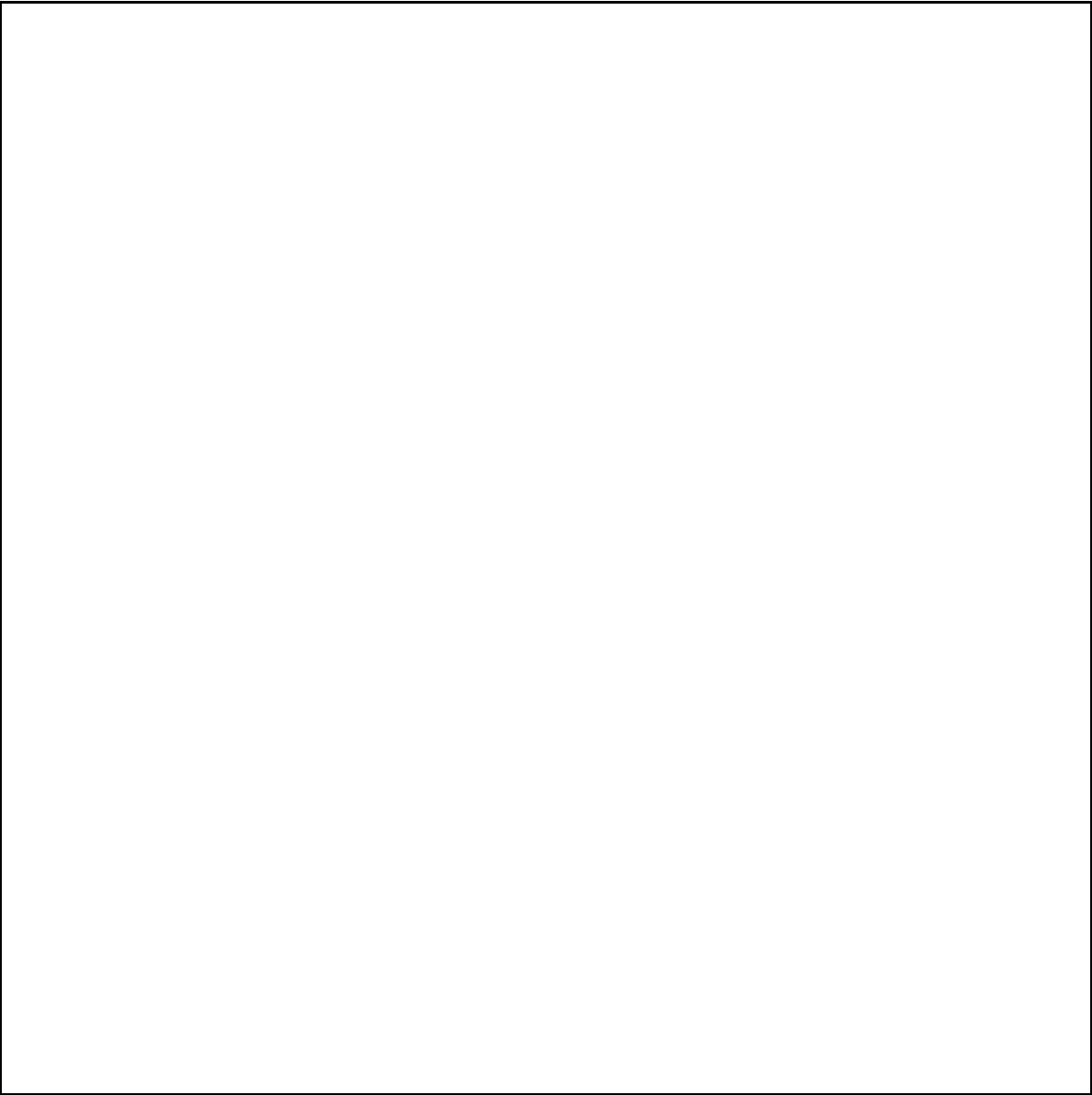


Newsletter

AN UPDATE ON FLUOROCARBONS

Representing the European Fluorocarbons Manufacturers

NEWSLETTER #206 - SEPTEMBER 2023



Dear subscriber,

In this September 2023 newsletter, we report in detail on the EFCTC comprehensive data package which has been put together in response to the universal PFAS restriction proposal. This package analyses the restriction proposal, provides new data and explains the potential unintended consequences for the use of F-gases. The key information is summarised, including the positive effect of the F-gas Regulation and related measures; the potential effect of PFAS impurity concentration limits for F-gases; F-gases end-of-life and the circular economy; forecast emissions of HFCs, HFOs and HCFOs; generation of TFA from HFCs, HFOs and HCFOs; naturally occurring TFA; and a Regulatory Management Options Analysis on eight selected F-gases.

We also report that seven organisations representing the entire value chain of the German refrigeration and air conditioning industry – trade, plant engineering, manufacturers and education, have issued a joint statement and press release in response to the PFAS restriction proposal, calling for exemptions for F-gases and other PFAS used in refrigeration, air conditioning and heat pumps. Also featured is the position statement of Orgalim, representing Europe's technology industries, which comments that the proposed PFAS restriction also includes the removal of HFOs,

and since they are already covered by both regulations, it is crucial to avoid double regulation to ensure that there will be alternatives left for refrigerants.

In addition, an article reports the findings of the VDKF (Association of German Refrigeration-Air Conditioning Specialists), which has evaluated information from over 238,000 refrigeration and air conditioning systems and found that the average refrigerant leakage rate of such systems in Germany has fallen again. Including accidents, it was only 1.12% in 2022 on average for all plant types.

Finally, we report on the use of F-gas refrigerants for process cooling and circulation chillers used for hydrogen filling stations, which cool the hydrogen before the refuelling process as well as the compressors of the hydrogen.

Do you want to learn more about EFCTC's upcoming events relating to fluorocarbons? Scroll down to the bottom of this newsletter and take a look at the fluorocarbons.org website.

Thank you for your continued interest in EFCTC.

EFCTC Secretariat

[EFCTC prepares comprehensive response to PFAS restriction proposal](#)

The wide scope of PFAS properties, their applications and use patterns inevitably resulted in the [PFAS restriction proposal](#) missing important technical information. EFCTC has prepared a comprehensive data package for F-gases in-scope and out-of-scope of the restriction proposal, that analyses the proposal itself, provides new data and explains potential unintended consequences for the use of F-gases. This key information is summarised below.

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[German industry groups: PFAS exemptions for F-gases required for refrigeration, air conditioning and heat pumps](#)

In response to the PFAS restriction proposal, seven organisations representing the entire value chain of the German refrigeration and air conditioning industry – trade, plant engineering, manufacturers and education, have issued a joint statement and press release calling for exemptions for F-gases and other PFAS used in refrigeration, air conditioning and heat pumps.

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[Orgalim position and recommendations on proposed PFAS restriction](#)

Orgalim represents Europe's technology industries, comprised of 770,000 innovative companies from the EU's largest manufacturing sector. In its position paper, Orgalim states that Europe's technology industries are fully committed to reducing the content of hazardous substances in their products to support a more circular economy and a healthier environment. However, the proposed general ban on the production, use, and market availability of PFAS would significantly impact on its industries' ability to produce robust and reliable products.

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VDKF reports 1.12% average leakage rates from all plant types in 2022

In its current "Analysis of Refrigerant Emissions", the VDKF (Association of German Refrigeration-Air Conditioning Specialists) has evaluated information from over 238,000 refrigeration and air conditioning systems at 54,000 operators, which was transmitted anonymously via its industry software "VDKF-LEC". VDKF highlights the most important result: The average refrigerant leakage rate of refrigeration and air conditioning systems in Germany has fallen again!



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Hydrogen filling stations rely on F-gas refrigerants for process cooling and circulation chillers

A leading temperature control specialist recently announced the supply of another 36 equipment sets to a European producer of hydrogen filling stations. Each set consists of a process cooling unit, responsible for cooling the hydrogen before the refuelling process and a circulation chiller, which cools the hydrogen compressors.



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UPCOMING EVENTS

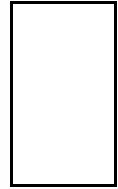
**SEPTEMBER 21, 2023 – AFCE
Symposium – Courbevoie, France**

**SEPTEMBER 27-28, 2023 –
European Heat Pump
Association's annual Heat Pump
Forum & Awards, the Heat Pump
Accelerator: Advancing
REPowerEU in a HeatBeat –
Brussels, Belgium**

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