

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/improvement-of-vocs-biofiltration-in-bioreactors-containing-partitioning-phase-with-hydrophobic-properties>

## Improvement of VOCS biofiltration in bioreactors containing partitioning phase with hydrophobic properties

<b>Publication date:</b>	30.12.2014
<b>Publication title:</b>	<a href="https://iich.gliwice.pl/en/article/improvement-of-vocs-biofiltration-in-bioreactors-containing-partitioning-phase-with-hydrophobic-properties">Improvement of VOCS biofiltration in bioreactors containing partitioning phase with hydrophobic properties</a>
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<b>Journal information:</b>	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
<b>Tags:</b>	<a href="#">biofiltration</a> , <a href="#">vilatile organic compounds</a> , <a href="#">hydrophobic partitioning phase</a>

**Abstract:** Biofiltration of airstream contaminated by hydrophilic Volatile Organic Compounds (VOC) proceeds in a higher yield than for hydrophobic VOC. Improvement of the process for hydrophobic VOC is possible by addition a hydrophobic phase to bioreactor. Use of the hydrophobic phase in trickle bed bioreactors enable increased conversion degree of hydrophobic pollutant.

## Attachments:

[Zeszyt-18-2014](#) pdf, 6.25 MB

<b>Created at:</b>	04.08.2025
<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	04.08.2025 12:47
<b>Number of downloads:</b>	173

Tagi: biofiltration, vilatile organic compounds, hydrophobic partitioning phase

# Metryczka

<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	18.09.2025 13:57
<b>Number of views:</b>	186