

# MetAMINO® Carbon Footprint

Choose MetAMINO® to reach your greenhouse gas emission targets

## Ambitious emission reduction targets verified by the Science Based Targets initiative

**Scope 1 & 2: 25%** absolute reduction by 2030, relative to 2021.

In accordance with a well-below 2°C warming pathway.



SCIENCE  
BASED  
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

**Scope 3: 11%** absolute reduction by 2030, relative to 2021.

In the near future, Evonik Industries aims to revalidate its targets to support a path that limits warming to 1.5°C by 2050.

Find out more about Evonik's greenhouse gas emission reduction strategy [here](#).



## Product Environmental Footprint data available to customers on request

When buying from Evonik, you can access Product Environmental Footprint data for almost all our animal nutrition products. Developed by our in-house lifecycle assessment experts, these show the product footprint in 19 environmental impact categories, including global warming potential.

This data enables you to:

- prove to your customers and other stakeholders that you are sourcing sustainable ingredients with credible and reliable lifecycle assessments
- use primary data for your company's greenhouse gas emission calculation, reporting and reduction goals.

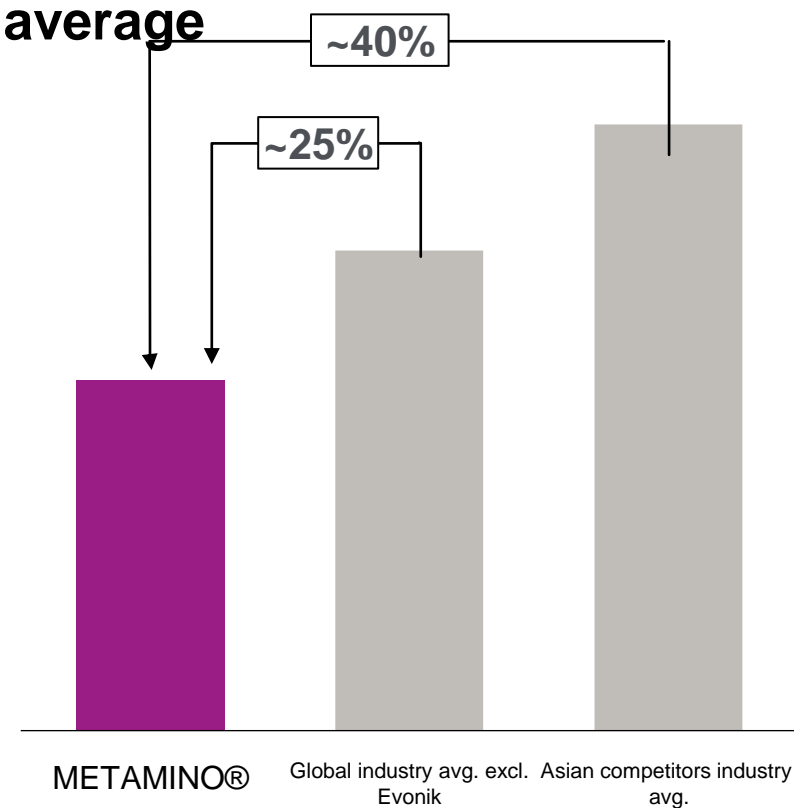
Contact your sales representative for more information.

## A low-emission source of DL-Methionine

When weighted according to bioavailable methionine content, the carbon footprint of METAMINO® is approximately:

- **25% lower than the global industry average**
- **40% lower than the Asian Competitor's industry average**

Global Warming Potential (GWP) of METAMINO® versus global and Asian Competitor's industry averages



Evonik's leading technology, best in class productivity and energy efficiency combined with a continuously increasing use of lower-emission energy sources enable us to provide a more sustainable supply of DL-Methionine.

Contact your sales representative for more information.

Methodology for METAMINO® GWP: Product Environmental Footprint Category Rules (PEFCR), excluding biogenic carbon, cradle to gate (Scope 1, 2 and Scope 3 upstream). LCA calculation and reporting follow the ISO 14040/44, ISO 14067 and TrS guidelines.

Methodology for global and asian competitor's industry averages: estimated internally by Evonik's market intelligence, technology and lifecycle assessment experts. The global industry average is estimated based on producers covering >90% of total global production volume. The asian competitor's industry average estimate is based on producers covering >95% of total asian competitor's production volume. Industry methionine sources include DL-methionine, L-methionine and methionine hydroxy analogue (MHA). GWP is estimated accounting for higher bioavailability of methionine in METAMINO® versus MHA.

Data valid as of December 2023.