Declaration of Product Carbon Footprint following ISO 14067

0,7700 kg CO2-Äq. / kg Methanol

Supplier	Atlantic Methanol Production Company LLC
Product	Methanol IMPCA Specification
Functional declared unit	kg CO_2e / kg product
System boundaries	**Cradle-to-gate approach** Input - PCF or from GEMIS database see additional explanation. **Process modules**: Production of methanol from natural gas **Output** Factory gate Atlantic Methanol Production Company LLC - Transport, distribution, application and disposal were excluded in this calculation
Process modules and accounting framework	e_{pr} = PCF of the supplier (production) All directly emitted CO_2 emissions are considered. Annual average values are calculated from GEMIS/UBA database – production of methanol from natural gas
Data collection, sources and quality	Literature data – GEMIS and Probas database (2030) Table values according to LCI framework Data quality: Medium (+/-20%) – Conservative approach
Characterisation factors	No discontinuous or time-dependent consideration of the effects of CO_2 emissions is taken into account.
Cut-off-criteria	Transparency of production processes until factory boundary
Allocation procedure	Allocation of direct CO2 emissions based on the functional unit kg or t
Sensitivity analysis and uncertainty assessments	Sensitivity analyses not carried out - uncertainty of approx. 20% in the model due to secondary data
Scope	Until 2030 – check every 12 months for new / changed data or publications
Product category rules PCR	No PCR was applied in the calculation – data was used from publications (secondary data).

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