



Issue date: 30 March 2026

Polysulphate

Product Carbon Footprint (PCF) Summary

Independently Reviewed

This document follows ISO 14067:2018 for PCF and references the EU Product Environmental Footprint (PEF) method (Recommendation (EU) 2021/2279).

A. Parties

Manufacturer	
Installation (production site)	ICL Boulby, Loftus, Cleveland Potash, United Kingdom
Product commercial name	Polysulphate
CN code	3104.90
Reporting period	FY 2025

B. Product Carbon Footprint (PCF) -Standard and scope

Standard	ISO 14067:2018 (modelling consistent with ISO 14040/44)
Optional EU reference	PEF method (EU) 2021/2279
Functional unit	1 kg of product
System boundary	Cradle-to-Gate
Geographical & temporal representativeness	Primary site data for 2025; background data: Ecoinvent 3.12
LCA software & DB	SimaPro V10.2.0.1; Ecoinvent V3.12
Allocation methods	Mass

PCF result

Total PCF (Climate change, 100-year)	0.002082kg CO₂e per kg product including transportation of RM
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Data quality & verification

Primary data coverage	85% of mass/energy covered by primary data
Electricity treatment	Grid mix or supplier-specific; EF source
Third-party review	Performed by Amit Lotan, Enviroet GmbH, per ISO 14064-3/ISO 14067

C. Legal & Use

This document supports PCF value (consistent with ISO 14067)



Independent technical review  Creating sustainable impact	Amit Lotan, Enviroet GmbH Verified in GHG Measurement, Reporting, and Verification Life Cycle Assessment Certified Professional # 202402-32  
Signature & Date	30 March 2026 

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Appendix 1:

Breakdown of carbon footprint

