

Review report

Table 1. see detailed guide on how to fill in the information at https://eplca.jrc.ec.europa.eu/permalink/Guide_EF_DATA.pdf section 8.3.

REVIEW REPORTING			
General information			
Data set name	Butyl Glycol Ethers		
Data set UUID and version number	1BB1D3F8-480B-4A7A-9862-BF6757775CDF; 01.01.001		
Data set locator (e.g. Permanent URI, URL, contact point, or database name and version, etc.)	https://www.esig.org/green-deal/circularity-sustainability/		
Review commissioner(s)	ESIG (OSPA)		
Reviewer name(s) and affiliation(s), contact	Angela Schindler, Dr. Martin Baitz		
Review type applied, and compliance with EF requirements for review	Type 2		
Method used for review , and review scope	Data set has been reviewed according to documentation/Eco-profile report and explanations via webmeeting of the practitioners. Plausibility check of result values.		
Date of review completion	15.11.2021		
Reviewed against/Compliance system name	Guide for EF compliant data sets, v2.0 (2020)		
Compatibility with EF reference package (Version)	EF3.0		
OVERALL COMPLIANCE ASSESSMENT			
aspect	yes	no	comments
Compliance with specific EF requirements	yes		Compliant with all relevant requirements of Guide for EF compliant data sets;
Allocation rules clearly explained and consistent	yes		Eco-profile describes allocation of foreground and background data.
Circular Footprint Formula (correct implementation)	yes		Due to cradle-to-gate LCI, CFF is applied with background data as pre-defined GaBi processes for energy gain.
LCIA results consistency	yes		Technical check and evidence per practitioner.
Nomenclature			
Correctness and consistency of applied nomenclature (use of Specific EF reference package; Correct nomenclature of other flows, processes etc;)	Yes; LCI generated by recommended tools in combination with latest GaBi software version.		
Documentation			
Appropriateness of documentation. See Document 'Documentation of LCA data sets' and additional EF data guidelines.	Documentation follows ILCD template, EF guide and is accompanied by a documentation following the methodological protocol of PlasticsEurope.		
Appropriateness / correctness of documentation format (ILCD Format)	Documentation has been checked by practitioner by ILCD editor; content has been checked by reviewer.		
Validation with ILCD validator	yes		

DQRs	yes		<i>DQR setting by LCA practitioner and checked by reviewer.</i>
Cut-off	<i>Compliant with the Guide for EF compliant data sets, v2.0 (2020)</i>		

Additional Information (if needed)

Documents referred or accessed by the reviewer (references also for unpublished documentation)

Eco-profile of three oxygenated solvent (groups): n-Butanol, Butyl Glycol Ethers, Acetone, Nov 2021

Compliance declaration:

The reviewers declare on their responsibility that the reviewed data set **is** compliant with the Environmental Footprint general and specific compliancy rules."

Reviewer(s)' signature(s)

Name Surname: Angela Schindler



Name Surname: Martin Baitz

