| REVIEW REPORTING | | | | |
|---|---|----|---|--|
| General information | | | | |
| Data set name | Alkyd resin (coconut oil); technology mix; production mix, at plant; 77% in white spirit | | | |
| Data set UUID and version number | Aggregated: 1f46be48-a7cc-4542-bc34-1b26f2a78297 Disaggregated: 5a8a86c5-f2a5-4001-8eab-582ed6ceb341 Version number: 03.00.001 | | | |
| Data set locator | | | emicals for Paints datasets for PEF | |
| | calculations, reference package EF3.0; https://lcdn-cepe.org/ | | | |
| Review commissioner(s) | The European association of Paint, Printing Inks and Artists' | | | |
| Poviowor namo(s) and | colours manufacturers (CEPE) Max Sonnen, Ecomatters B.V., max.sonnen@ecomatters.nl; | | | |
| Reviewer name(s) and affiliation(s), contact | Natalia Chebaeva, Ecomatters B.V., | | | |
| | natalia.chebaeva@ecomatters.nl | | | |
| Review type applied, and compliance with EF requirements for review | - | | view compliance fulfilled. | |
| Method used for review , and review scope | The review focuses on the update of the dataset due to the EF reference package update. Selective review is performed covering only the points and parameters updated. The underlying general model was reviewed, with spot check of some parameters in all data sets. Suggestions for the dataset documentation were provided, discussed, and implemented. Review was carried out with study of the provided data set ILCD files, data set documentation, a series of dialogues with the data set developer and data entry practitioner, and additional information provided by data entry practitioner on request. | | | |
| Date of review completion | 22.04.2022 | | | |
| Reviewed against/Compliance system name | PEF/OEF | | | |
| Compatibility with EF reference package (Version) | EF3.0 (3f5b0b56-60e6-4df7-869d-a811830386d9) | | | |
| Overall compliance assessment | | | | |
| Aspect | yes | no | comments | |
| Compliance with specific EF requirements | X | | Electricity modelling is not reviewed for the scope of changing EF reference package; update of the background dataset for electricity is verified. Climate change modelling is not reviewed for the scope of changing EF reference package; no changes expected in the update. Agricultural modelling is not reviewed for the scope of changing EF reference package; no changes expected in the update. Transport is not included in the foreground modelling, but is documented to be accounted for in the averaged background processes used for | |

| documentation. | qualities, technology and geographical covereage are indicated. Modelling choices and principles are listed (LCI method and approaches, cut-off, specific modelling), explanations are given to specific modelling and diviations from the EF guidance and | | | |
|------------------------------------|---|--|--|--|
| Appropriateness of | | Information on the dataset name, UUID, reference flow and its | | |
| Documentation | | | | |
| flows, processes etc.) | | | | |
| Correct nomenclature of other | | consistently. | | |
| Specific EF reference package; | | package EF3.0), and applied correctly and | | |
| applied nomenclature (use of | | relevant flows is compliant (Reference | | |
| Correctness and consistency of | Х | Nomenclature of the process and | | |
| Nomenclature | 1 | | | |
| | | discrepancies above 1% detected. | | |
| | | results is done with Look@LCA. No | | |
| LEIA RESULTS CONSISTENCY | | Verification of the reported characterised | | |
| LCIA results consistency | x | LCIA results are reported consistently. | | |
| | | included into the scope of review. | | |
| | | recovery in waste treatment), and is not | | |
| | | used (primarily, as concerns energy | | |
| | | background system is assumed in accordance to the background data sets | | |
| (correct implementation) | | not relevant. CFF application in the | | |
| | | applied in the foreground modelling as | | |
| | | footprint formula (CFF) is therefore not | | |
| | | outside the system boundary). Circular | | |
| | | product (end of life of the product is | | |
| | | | | |
| • | | recycled content, and is an intermediate | | |
| Circular Footprint Formula | x | Reference product is assumed without | | |
| | | expected in the update | | |
| and consistent | | EF reference package; no changes | | |
| Allocation rules clearly explained | NA | Not reviewed for the scope of changing | | |
| | | duplicated elementary flows detected. | | |
| | | duplicated or waste flows detected. No | | |
| | | listed in the EF reference package. No | | |
| | | possible to be allocated to countries not | | |
| | | regionalised. Non-regionalised flows are | | |
| | | Land related flows are partially | | |
| | | package, according to the EF guidance. | | |
| | | countries not covered by the EF reference | | |
| | | flows are explained as allocated to | | |
| | | background. Non-regionalised water | | |
| | | evaporation for both foreground and | | |
| | | separation of withdrawal, release and | | |
| | | Water flows are mainly regionalized, with | | |
| | | background is out of the scope of review. | | |
| | | approximation. Review of the | | |
| | | averaged background used for | | |
| | | included in the foreground modelling, but are documented to be included in the | | |
| | | 0 | | |
| | | goods and their end of life are not | | |

| | listed principles. A link to the flow diagramme is included. Data selection principles, data treatment, data quality assessments are presented. LCIA per impact category are provided in accordance to the EF3.0 reference package. Review details are given. Administrative data is sufficient, including publication and ownership, and intended applications. Provided range of documentation is EF compliant (with reservations), and allows for a fair assessment of the dataset. Provided metadata is detailed enough, and mainly respects ILCD entry-level and additional EF requirement. Diviations do not impede a fair assessment of the dataset use. | | |
|---|---|--|--|
| Appropriateness / correctness of documentation format (ILCD Format) | Documentation format is appropriate, all required documentation fields are filled in providing the relevant metadata for the dataset. Documentation check tool applied, with no detected issues. | | |
| Validation with ILCD Validation tool | х | ILCD validation tool is applied, no issues detected. | |
| DQRs | NA | Provided DQR scores are not updated in the reference package update, in accordance with the section 3.6.5 of the tender. The existent EF2.0 DQR scores assessement was not reviewed. User is advised to consider the DQR with caution when using them without recalculation. | |
| Cut-off | NA | Not reviewed for the scope of changing EF reference package; no changes expected in the update | |
| Additional information | User is advices to take into account that packaging of the product is not included in the modelling, while transport and energy flows modelling is included, but accounted for in the blackbox. | | |

The reviewers declare on their responsibility that the reviewed data set is compliant with the Environmental Footprint general and specific compliancy rules, with the deviation notions provided.

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