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| **Annex 1 to the contract**  **according to DE-UZ 14a  THIS ANNEX IS FOR: APPLICANTS** | **Please only use this form!** |

**Environmental label for “Graphic paper and cardboard made from 100% recovered paper (recycled paper and cardboard)”**

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| **Applicant:**  (full address) |  |
| **Contact for any questions:** |  |
| **E-mail address:** |  |
| **Telephone:** |  |
| **Trade name of the product:** |  |
| **Functional description of the product** (e.g. Manila cardboard, multifunctional paper, etc.)**:** |  |
| **Distributor:**  (full address) (the distributor using the label for advertising purposes) |  |

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| **Paragraph:** | We hereby declare that |
| **3.1** | - **the product is made out of 100% recovered paper fibres**, |
|  | - only those types of fibres defined according to DIN EN 643:2014-11 are added, |
| **3.2** | - alternatively, grades of recovered paper containing DIPN (2.05.00, 2.05.01, 2.06.00, 2.06.01 and 5.09) are only used if an efficient technical system (e g. deinking) guarantees that the DIPN is largely removed from the fibre cycle,  - if the grades 2.05.00, 2.05.01, 2.06.00, 2.06.01 and 5.09 have been used, the DIPN content in the finished product does not exceed a maximum of 50 mg/kg (measurements to be submitted **once a year** in accordance with DIN EN 14719), |
| **3.3** | - the content of bisphenol A and bisphenol S will be determined **once a year** for statistical purposes by an independent testing institution (certified according to ISO 17025) and submitted to RAL gGmbH, |

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| **3.4** | - no production aids, paper refining agents, coating agents and colourants that have the following properties have been used:   * + - * 1. No substances may be used in the product that have been identified as being particularly alarming in accordance with Article 57, Paragraph 1 of Regulation (EC) No 1907/2006 (REACH) and added to the so-called “candidate list” according to Article 59, Paragraph 1 of the same regulation [substances of very high concern (SVHC)].         2. No substances may be added to the product that * according to the criteria of Regulation (EC) No 1272/2008 are classified with the following H Phrases named in Table 1 or which meet the criteria for such classification. * or which are classified as carcinogenic, mutagenic or reprotoxic substances in the currently valid version of TRGS 905[[1]](#footnote-1).  | **EC Regulation 1272/2008 (GHS Regulation)** | **Wording** | | --- | --- | | **Carcinogenic, mutagenic and reprotoxic substances** | | | H340 | May cause genetic defects. | | H341 | Suspected of causing genetic defects. | | H350 | May cause cancer. | | H350i | May cause cancer if inhaled. | | H351 | Suspected of causing cancer. | | H360F | May damage fertility. | | H360D | May damage the unborn child. | | H360FD | May damage fertility. May damage the unborn child. | | H360Fd | May damage fertility. Suspected of damaging the unborn child. | | H360Df | May damage the unborn child. Suspected of damaging fertility. | | H361f | Suspected of damaging fertility. | | H361d | Suspected of damaging the unborn child. | | H361fd | Suspected of damaging fertility. Suspected of damaging the unborn child. | |
| **3.5** | - only those production aids, paper refining agents, coating agents and colourants that are listed in Recommendation XXXVI from the BfR in sections B (production aids) and C (special paper refining agents) have been used and  - the maximum quantities and concentrations stated in this list have been observed,  - no auxiliaries containing glyoxal are added during the production of the products, |
| **3.6** | - chlorine, halogenated bleaching agents and not readily biodegradable complexing agents such as e.g. ehylenediaminetetraacetic acid (EDTA) and diethylenetriaminepentaacetic acid (DTPA) have been completely removed in the processing of the recovered paper, |
| **3.7** | - in the production of the recycled paper, only those slimicides (substances in product type 12) and material preservatives for fibres (substances in product type 9) in the sense of the Biocidal Products Regulation that have been approved in accordance with the Biocidal Products Regulation 528/2012 (EU list of approved active substances) or are still being examined as a notified existing active substance for the relevant type of biocides as part of the EU work programme for the systematic examination of all existing active substances are added,  - accordingly, only those biocidal products classified in product types 9 and 12 that have been explicitly approved for the desired application are used,  - for a transitional period, biocidal products that contain notified existing active substances of product types 9 and 12 that are still being examined as part of the EU examination process are also used without approval if they have been registered in accordance with the German ordinance on the notification of biocidal products in accordance with the German Chemicals Act (Biocide Notification ordinance – ChemBiozidMeldeV),  - in addition, the biocidal products used do not contain any substances that have been considered as candidates for substitution according to Article 10 of the EU Biocidal Products Regulation 528/2012,  - until the approval requirements for the biocidal products containing notified existing active substances come into force, only those substances that are also listed in Recommendation XXXVI from the BfR are permitted  (It is also possible that production aids and paper refining agents used for the production of recycled paper contain biocidal products in product type 6 (protection of finished products in containers against microbial deterioration to ensure their shelf life) that have been made available on the market. Residual content of these biocidal products will be accepted), |
| **3.8** | - the product has a maximum grade of whiteness of 100% according to ISO 2470 and a maximum CIE whiteness of 135 according to DIN ISO 11475, |
| **3.9** | - optical brighteners have not been added,  - optical brighteners have been added for the production of SC paper with a weight > 110 g/m2 and HWC paper with a weight > 75 g/m2 in accordance with the exception. |
| **3.10** | - no azo dyes or pigments in colourants that can cleave to one of the amines stated in Regulation (EC) No. 1907/2006, Annex XVII, No. 43, Appendix 8 and 9 or in TRGS 614[[2]](#footnote-2) are added, |
| **3.11** | - no colourants (pigments or dyes) containing mercury, lead, cadmium or chromium (VI) compounds as constituent ingredients are added, |
| **3.12** | - no mineral oil-based additives that contain aromatic hydrocarbons (with ≥ 10 carbon atoms) as a component are added,  - in the case of aliphatic hydrocarbons, only those substances with a chain length of C10 to C20 are used,  - plant-based substitutes for mineral oil should be free of genetic engineering and sourced from sustainable cultivation, |
| **3.13** | - as a **direct discharger**, we have complied with the emission values according to Table 2 below,  **Table 2:**   |  |  | | --- | --- | | Parameter | Lower reference value according to BREF and Appendix 28 of the German Waste Water Ordinance[[3]](#footnote-3) | | **Volumetric flow rate of waste water** | 15 m3/Adt | | COD | 3 kg/Adt | | BSB5 | 0.15 kg/Adt or 25 mg/l | | **AOX** | < 0.01 kg/Adt | | Total N (inorganic + organic N) (TNb) | 0.07 kg/Adt or 15 mg/l | | Total P | 0.008 kg/Adt or 1.2 mg/l |   - as an **indirect discharger**, we have complied with the limit values in Table 2 and especially the **volumetric flow rate of waste water** and the **AOX** value at the mining location, |
| **3.14** | - the technical requirements in the DIN standards have been observed insofar as standards exist for the product named in the application |

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| **3.15** | - we have taken note of the fact that any future revision of the environmental label will require verifications that renewable raw materials, which are used e.g. for the production of mineral oil-free colourants, are obtained from responsible, GMO-free sources that are located in the local region as far as possible and have been tested by a suitable certification system. |

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| **Location:** |  |  |  |
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| **Date:** |  |  |

**Legally binding signature / company stamp**

1. [http://www.baua.de/nn\_16812/de/Themen-von -A-Z/Gefahrstoffe/TRGS/pdf/TRGS-905.pdf](http://www.baua.de/nn_16812/de/Themen-von%20-A-Z/Gefahrstoffe/TRGS/pdf/TRGS-905.pdf) [↑](#footnote-ref-1)
2. <https://www.baua.de/DE/Angebote/Rechtstexte-und-Technische-Regeln/Regelwerk/TRGS/TRGS-614.html> [↑](#footnote-ref-2)
3. BREF (Best Available Techniques Reference Document) full version and BAT conclusions in German and English at <https://www.umweltbundesamt.de/themen/wirtschaft-konsum/beste-verfuegbare-techniken/sevilla-prozess/bvt-merkblaetter-durchfuehrungsbeschluesse>

   Appendix 28 Production of paper and cardboard of the German Waste Water Ordinance:  
   https://www.gesetze-im-internet.de/abwv/anhang\_28.html [↑](#footnote-ref-3)