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| **Annex 1 to the contract pursuant to DE-UZ 84a**  **Environmental Label for**  **“Sanitary Additives Compatible with Wastewater Treatment Plants”** |  | **Please use this**  **printed form!** |

Manufacturer (licence holder):

Distributor (label user):

Brand/trade name:

Product designation[[1]](#footnote-1)1:

**Declarations by the applicant**

We hereby declare compliance with the following requirements:

* The use of biocidal products, as defined in the Biocidal Products Regulation (EU) 528/2012, is not permitted. Substances approved as food additives in Europe (e.g. citric acid), as well as fragrances and fragrance mixtures as specified in Paragraph 3.6 (lavender oil) that have biocidal properties, are exempt from this requirement.[[2]](#footnote-2) In-can preservatives or their mixtures (PA 6) are subject to the requirements in Paragraph 3.2.3.
* The end product may only include biocides in order to preserve the product and in the appropriate dosage for this purpose.

The isothiazolinone content in the end product must not exceed the following individual limits:

* + BIT (1,2-benzisothiazol-3(2H)-one) ≤ 0.0010% by mass
  + MIT (2-methyl-4-isothiazolin-3-one) ≤ 0.0015% by mass
  + CIT (5-chloro-2-methyl-4-isothiazolin-3-one) ≤ 0.0010% by mass
  + CIT/MIT ≤ 0.0015% by mass
  + All other isothiazolinones ≤ 0.0020% by mass, based on the individual substance
  + Free formaldehyde ≤ 0.0010% by mass
* The surfactants used in the product must meet the requirements for ready, aerobic biodegradability in accordance with the Detergent Regulation (EC) No 648/2004, Annex III.

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| **Trade name of the surfactant** | **Included in Part A of the DID list[[3]](#footnote-3)** | **Assessment of the aerobic biodegradability according to Part A of the DID list (R, I, P, O or NA)** |
|  | Yes  No |  |
|  | Yes  No |  |
|  | Yes  No |  |
|  | Yes  No |  |
|  | Yes  No |  |

* The following substances are not permitted in the product, either as part of the formulation or as part of any preparation included in the formulation: Production-related impurities may not exceed 0.010% by mass in the product. If a stricter, more specific concentration limit is specified for a substance in a mixture in the criteria for the CLP Regulation (EC) No. 1272/2008 then this is valid.
  + Alkyl phenol ethoxylates (APEO) and derivatives thereof
  + Phosphates and phosphonates
  + EDTA (ethylenediaminetetraacetic acid) and its salts
  + DTPA (diethylenetriaminepentaacetic acid) and its salts
  + NTA (nitrilotriacetic acid)
  + Reactive chlorine compounds (e.g. hypochlorite)
  + Glutaral (glutaraldehyde)
  + Organic ammonium compounds and polyquaternium compounds that are not readily biodegradable(\*).
  + Substances that contain mercury, lead, cadmium or chromium, as well as boron and halogenated oxidants.
  + Nanosilver
  + Rhodamin B (CI 45170)
  + Formaldehyde and formaldehyde releasers(\*\*), e.g. (INCI designations):
    - Bromo-5-nitro-1,3-dioxane
    - Diazolidinyl urea
    - Sodium hydroxymethylglycinate
    - Dimethylol glycol
    - Dimethylol urea
    - Hydantoin quartermium-15
    - Tetramethylolglycoluril

The following fragrances:

* + Nitromusks and polycyclic musks including e.g.:
    - Musk Xylene (5-tert-Butyl-2,4,6-trinitro-m-xylene / musk xylol: 5-tert-Butyl-2,4,6-trinitro-m-xylol),
    - Musk ambrette (4-tert.-Butyl-3-methoxy-2,6-dinitrotoluene / musk ambrette: 4-tert-Butyl-3-methoxy-2,6-dinitrotoluol),
    - Moskene (1,1,3,3,5-Pentamethyl-4,6-dinitroindane / musk moskene: 1,1,3,3,5-Pentamethyl-4,6-dinitroindan),
    - Tibetene (5-tert.-Butyl-1,2,3-trimethyl-4,6-dinitrobenzene / tibetene musk: 1-tert-Butyl-3,4,5-trimethyl-2,6-dinitrobenzol),
    - Musk Ketone (4'-tert-Butyl-2',6'-dimethyl-3',5'-dinitroacetophenone / musk ketone: 4’-tert-Butyl-2‘,6’-dimethyl-3‘,5’-dinitroacetaphenol,
    - Hexamethylindanopyran (HHCB; 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-(g)-2benzopyran),
    - 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8,-hexamethyl-2-naphthyl)ethan-1-one (AHTN; 6-Acetyl-1,1,2,4,4,7-hexamethyltetralin),
  + Tetramethyl Acetyloctahydronaphthalenes (OTNE; reaction mass of 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,4,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one and 1-(1,2,3,5,6,7,8,8a-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one)
  + Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (3- and 4-(4-Hydroxy-4-methylpentyl) cyclohex-3-ene-1-carbaldehyde; Lyral; HICC,)
  + 2,6-Dihydroxy-4-methyl-benzaldehyde (Atranol)
  + 3-Chloro-2,6-Dihydroxy-4-methyl-benzaldehyde (Chloratranol; Chloroatranol)
  + Butylphenyl Methylpropional (2-(4-tert-Butylbenzyl)propionaldehyde; Lysmeral; Lilial)

(\*) the degradability of the quaternary organic ammonium compounds or the polyquaternium compound must be verified in a standard test for ready biodegradability. The 10-day window is not applied in the case of polymers.

(\*\*) Except for impurities of formaldehyde in surfactants based on polyalkoxy compounds up to a concentration of 0.010% by mass in the ingredient.

* It is only permitted to add encapsulated enzymes (solid) and enzymes in liquid form or as a suspension.
* The end product must not contain any colouring agents that are bioaccumulating. A colouring agent is considered to be non-bioaccumulating if it has a bioconcentration factor (BCF) < 100 or a log Pow < 3.0. If the values for both the BCF and the log Pow are available, the highest measurement for the BCF is valid. If using colouring agents that have been approved for use in foodstuffs, no documentation about the bioconcentration factor needs to be submitted.

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| **Trade name of the colouring agents** | **BCF** | **Log POW** | **Approved for use in foodstuffs** |
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* All sanitary fluids intended for direct sale to the final consumer, except for refill packs with a closure, must come with a scaled dosing system and a childproof closure.
* The packaging materials may not contain any PVC.
* The product must meet the requirements for the product’s fitness for use in the “Method for testing the fitness for use of sanitary additives for the purpose of odour reduction in mobile toilet systems” according to Appendix B of the Basic Award Criteria DE-UZ 84a.

Annexes

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| * Annex 1 to the contract pursuant to DE-UZ 84a |  |
| * Certification and declaration or accreditation certificate according to Paragraph 3.1 |  |
| * Test certificate according to Paragraph 3.2.1 |  |
| * Annex 2 to the contract pursuant to DE-UZ 84a (3.2.2) (Formulation) |  |
| * Safety data sheet for the sanitary additive (3.2.2) |  |
| * Information on the dosage of the preservatives required to preserve the end product (3.2.3) |  |
| * Safety data sheets for all ingredients in the product (3.3.1) |  |
| * If relevant, information from literature or other sources or corresponding test results to verify that the surfactants are biodegradable under aerobic conditions (3.3.2) |  |
| * Test certificate according to Paragraph 3.3.3 |  |
| * Annex 3 to the contract pursuant to DE-UZ 84a (3.4) |  |
| * Verification that the suppliers of primary/intermediate products have been requested to submit information on the content of impurities (up to 0.010% by mass) and by-products |  |
| * Annex 4 to the contract pursuant to DE-UZ 84a (3.6) |  |
| * Annex 5 to the contract pursuant to DE-UZ 84a (3.7) |  |
| * If relevant, documentation that verifies that the colourant is approved for use in foodstuffs (3.9) |  |
| * Label, instructions for use or other appropriate product information according to Paragraph 3.12 |  |
| * Test certificate according to Paragraph 3.13 |  |

Location:      Applicant:

Date:       (Legally binding signature  
and company stamp)

1. 1 Annex 1 must be completed for each different product designation. [↑](#footnote-ref-1)
2. According to Commission Regulation (EU) 1129/2011 of 11 November 2011 amending Annex II to Regulation (EC) No 1333/2008 of the European Parliament and the Council by establishing a Union list DER additives [↑](#footnote-ref-2)
3. https://ec.europa.eu/environment/ecolabel/documents/did\_list/didlist\_part\_a\_de.pdf [↑](#footnote-ref-3)