

Appendix 12 Declaration from the manufacturer/supplier of Recycled fibres (AI0028 Fibers)

To be used in conjunction with an application for a licence for the Nordic Swan Ecolabel of Supplies of microfibre based cleaning.

This declaration is based on the knowledge we have at the time of the application, based on tests and/or declarations from raw material manufacturers etc., with reservations for new advances and new knowledge. Should such new knowledge arise, the undersigned is obliged to submit an updated declaration to Nordic Ecolabelling.

Manufacturer/supplier:
Please state the name of the fibre and trade name:
Please state the type of fibre:

O4 Recycled fibres, Synthetic fibre – fossil origin	YES	NO
Please state the amount of recycled fibres* (%): * Recycled material is defined according to ISO 14021.	%	
Is the material EFSA* or FDA** approved as food contact material or marketed as compatible with these? * In line with Commission Regulation (EC) No 282/2008 of 27 March 2008 on recycled plastic materials and articles intended to come into contact with foods. ** In line with the Code of Federal Regulations Title 21: Food and Drugs, Part 177 – Indirect food additives: polymers.		
Is the material certified with Global Recycled Standard certificate 4.0 (or later versions)?		
Do you have a recycled claim standard certificate (RCS)?		
Do you have other certificate from equivalent standard approved by Nordic Ecolabelling showing that the raw material is 100 % recycled (post and/or preconsumer)?		
Please attach: Global Recycled Standard certificate 4.0 (or later versions), a Recycled Claim Standard certificate (RCS) or other certificate from equivalent standard approved by Nordic Ecolabelling showing that the raw material is 100 % recycled (post and/or preconsumer). Or Documentation showing that the recycled fibres are purchased as 100% recycled. Is above documentation attached?		

O5 Recycled fibres/raw materials: Test for harmful substances		YES	NO																														
<p>All recycled fibres/raw materials (from natural and synthetic origin) shall not contain the following substances above the limits stated in table below.</p> <p>Exemptions apply to:</p> <ul style="list-style-type: none"> Material from PET bottles originally approved for food contact. Fibres with Oeko-tex class II certificate. Fibres from chemically recycled polymers, if it can otherwise be documented that the process ensures, that the requirement limits are complied with. Fibres used in the production of regenerated cellulose. Fibres, where it can be documented that they originate from type I eco-labelled products. Mops 																																	
<p>Do you wish to declare in accordance with one of the exemptions above?</p> <p>If yes, please state which exemption(s) are applicable:</p>																																	
<p>If exemption is used, please attach:</p> <ul style="list-style-type: none"> Routine showing that the area of declaration is fulfilled for each batch of recycled fibre produced. <p>And</p> <ul style="list-style-type: none"> For PET bottles: Documentation that only PET bottles are used. For Fibres with Oeko-tex class II certificate: Oeko-tex 100 class II certificate For chemically recycled polymers: Documentation showing that the recycling process ensures that the polymer do not contain the following substances above the limits stated in table below. For fibres from earlier type I ecolabelled textiles: Documentation for this. For fibres used in the production of regenerated cellulose and for mops: No additional information. 																																	
Is relevant above documentation attached?																																	
<p>All recycled fibres/raw materials (from natural and synthetic origin) shall not contain the following substances above the limits stated:</p> <table border="1"> <thead> <tr> <th>Substance/substance group</th> <th>Max. limit</th> <th>Test method</th> </tr> </thead> <tbody> <tr> <td>Extractable metals</td> <td></td> <td>Atomic absorption spectrometry (AAS) or ICP. The metals are extracted by use of artificial acidic sweat solution according to ISO 105-04 (testing solution II).</td> </tr> <tr> <td>Chromium total</td> <td>2.0 mg/kg</td> <td></td> </tr> <tr> <td>Lead</td> <td>1.0 mg/kg</td> <td></td> </tr> <tr> <td>Mercury</td> <td>0.02 mg/kg</td> <td></td> </tr> <tr> <td>Cadmium</td> <td>0.1 mg/kg</td> <td></td> </tr> <tr> <td>Antimony</td> <td>30.0 mg/kg</td> <td></td> </tr> <tr> <td>Phthalates</td> <td></td> <td>Extraction of the testing material with an organic solvent. The extract is analysed by gas chromatography (MS detection).</td> </tr> <tr> <td>BBP, DBP, DEP, DMP, DEHP, DMEP, DIHP, DHNUP, DCHP, DHxP, DIBP, DIHxP, DIOP, DINP, DIDP, DPrP, DHP, DNOP, DNP and DPP</td> <td>Total 0.05 weight%</td> <td></td> </tr> <tr> <td>PAHs (Polycyclic aromatic hydrocarbons)</td> <td></td> <td>Extraction of the testing material with an organic solvent. The extract is analysed after clean-up by gas chromatography</td> </tr> </tbody> </table>				Substance/substance group	Max. limit	Test method	Extractable metals		Atomic absorption spectrometry (AAS) or ICP. The metals are extracted by use of artificial acidic sweat solution according to ISO 105-04 (testing solution II).	Chromium total	2.0 mg/kg		Lead	1.0 mg/kg		Mercury	0.02 mg/kg		Cadmium	0.1 mg/kg		Antimony	30.0 mg/kg		Phthalates		Extraction of the testing material with an organic solvent. The extract is analysed by gas chromatography (MS detection).	BBP, DBP, DEP, DMP, DEHP, DMEP, DIHP, DHNUP, DCHP, DHxP, DIBP, DIHxP, DIOP, DINP, DIDP, DPrP, DHP, DNOP, DNP and DPP	Total 0.05 weight%		PAHs (Polycyclic aromatic hydrocarbons)		Extraction of the testing material with an organic solvent. The extract is analysed after clean-up by gas chromatography
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		with mass selective detection (MSD).
Naphthalene, Acenaphtene, Acenaphtylene, Phenanthrene, Anthracene, Fluorene, Fluoranthene and Pyrene	Each 1 mg/kg	
Flame retardants		Extraction of the testing material with an organic solvent. The extract is analysed then by LC/MS/MS respectively GC/MS/MS.
Brominated and chlorinated flame retardants	Total 50 mg/kg	
For elastane, polyurethane, and polyamide		
DMAc	0.05 weight% solvent residue	Extraction of the testing material with an organic solvent. The extract is analysed by gas chromatography with mass selective detection (MSD).
If recycled raw materials originate from textiles:		
Dyes: Cleavable arylamines classified as carcinogenic Cat. I	Total 20 mg/kg	EN 14362-1 EN 14362-3
4-Aminobiphenyl / 4-Aminodiphenyl		
Benzidine / Benzidine		
Dyes: Classified as carcinogenic	Each 50 mg/kg	EN 14362-1 EN 14362-3 The identification and quantification of dyes extracted with an organic solvent is made by means of chromatographic methods.
C.I. Acid Red 26		
C.I. Acid Red 114		
C.I. Basic Blue 26 (with > 0.1 % Michler's ketone or base)		
C.I. Basic Red 9		
C.I. Basic Violet 3 (with > 0.1 % Michler's ketone or base)		
C.I. Basic Violet 14		
C.I. Direct Black 38		
C.I. Direct Blue 6		
C.I. Direct Blue 15		
C.I. Direct Brown 95		
C.I. Direct Red 28		
C.I. Disperse Blue 1		
C.I. Disperse Orange 11		

	C.I. Disperse Yellow 3				
	C.I. Solvent Yellow 1 (4-Aminoazobenzene / Aniline Yellow)				
	C.I. Solvent Yellow 3 (o-Amino azobenzene / o-Amino azotoluol)				
	C.I. Pigment Red 100 (lead chromate molybdate sulphate red)				
	C.I. Pigment Yellow 34 (Lead sulfo chromate yellow)				
				YES	NO
Do the recycled fibres/raw materials contain any of the substances above the limits stated in tabel above?					
Please attach test report(s) according to test methodes stated in tabel above. Is test report(s) attached?					
Please attach a routine showing that the area of declaration is fulfilled for each batch of recycled fibre produced. Is routine attached?					

In the event of any change to the composition of component, a new declaration of fulfilment of the requirements is to be submitted to Nordic Ecolabelling.

Place and date:	Company name:
Responsible person:	Signature of responsible person:
Telephone:	Email: