

Appendix 5 Declaration of chemicals

To be used in conjunction with an application for a licence for the Nordic Swan Ecolabel of textile floor coverings and rugs/mats (i.e. carpets).

This declaration shall be completed and signed by the manufacturer of the chemical product based on the best of their knowledge at the given time, also based on information from raw material manufacturers and available knowledge on the chemical product 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.

This declaration shall be filled out for chemical products used:

- in the materials of the carpet*
- for treatment of the carpet or material
- for the assembly of the carpet

** For polymer materials the requirements do not include the polymer production itself. Additives in polymer materials shall comply only with the prohibited substances list. The requirement applies to additives irrespective of whether the material is manufactured of virgin or recycled raw materials.*

Treatment or assembly chemicals are for example surface treatments, impregnation, pigments, bleaching chemicals and adhesives. The chemical requirements must be met regardless of whether the chemicals are used at supplier sites or at the manufacturer of the carpet.

Manufacturer of the chemical product:
Name of the chemical product:
Function of the chemical product:

The chemical requirements in the criteria document and accompanying appendices apply to all chemical products and their ingoing substances used in the Nordic Swan Ecolabelled carpet. Impurities are not regarded as ingoing substances and are exempt from the requirements. Ingoing substances and impurities are defined below.

Ingoing substances: All substances* in the chemical product regardless of amount, including additives (e.g. preservatives and stabilizers) from the raw materials. Substances released from ingoing substances (e.g. biocidal active substances generated by preservatives, such as formaldehyde) are also regarded as ingoing substances.

** N.B. the difference from the definition of substances in the REACH Regulation (EC) No 1907/2006. Whereas a REACH substance encompasses a chemical element or compound as well as its stabilising additives and process impurities, a substance here refers to each of the constituents separately. The constituents of a UVCB substance (Unknown or Variable composition, Complex reaction products or of Biological materials) are also regarded separately, and all known constituents must be regarded.*

Impurities: Trace levels of pollutants, contaminants and residues from production, incl. production of raw materials, that remain in the chemical product in concentrations $\leq 1\ 000\ \text{ppm}$ ($\leq 0.1000\ \text{w\%}$).

Examples of impurities: Background environmental pollutants from feedstock, as well as contaminants and residues from production such as reactants (incl. monomers), reagents, catalysts, by-products, scavengers, detergents for production equipment, carry-over from other or previous production lines.

Impurities in the raw materials in concentrations $\geq 10\,000$ ppm (1.0000 w%) are always regarded as ingoing substances, regardless of the concentration in the chemical product.

Limit values: The limit for excluded ingoing substances is 0 ppm (unless otherwise stated), while there's a specific defined limit for impurities. The impurity limit applies separately to each individual excluded substance, from each individual raw material. Concentrations of different impurities with the same excluded classification or substance group characteristics shall not be summed up to meet the impurity limit in the labelled product. Also, concentrations of an individual impurity, originating from different raw materials, shall not be summed.

UVCB substances: UVCB substances (Unknown or Variable composition, Complex reaction products or of Biological materials) have a composition of constituents that is not completely known or is variable from time to time. For substances registered under REACH as UVCBs, all constituents that are known must be declared in the Nordic Swan Ecolabel raw material appendix based on the best available knowledge. All constituents are considered individually and are subject to the chemical requirements, including for instance those on excluded substances and excluded classifications

Classification of chemical products according to CLP regulation 1272/2008		
Is the chemical product classified with any of the hazard phrases below? Including all combinations of stated exposure routes and stated specific effect. For example, H350 also covers classification H350i.	Yes	No
H400 – Toxic to the environment Aquatic Acute 1	<input type="checkbox"/>	<input type="checkbox"/>
H410 – Toxic to the environment Aquatic Chronic 1	<input type="checkbox"/>	<input type="checkbox"/>
H411 – Toxic to the environment Aquatic Chronic 2	<input type="checkbox"/>	<input type="checkbox"/>
H420 – Toxic to the environment Ozone	<input type="checkbox"/>	<input type="checkbox"/>
H300 – Acute toxicity; Acute Tox 1 or 2	<input type="checkbox"/>	<input type="checkbox"/>
H310 – Acute toxicity; Acute Tox 1 or 2	<input type="checkbox"/>	<input type="checkbox"/>
H330 – Acute toxicity; Acute Tox 1 or 2	<input type="checkbox"/>	<input type="checkbox"/>
H301 – Acute toxicity; Acute Tox 3	<input type="checkbox"/>	<input type="checkbox"/>
H311 – Acute toxicity; Acute Tox 3	<input type="checkbox"/>	<input type="checkbox"/>
H331 – Acute toxicity; Acute Tox 3	<input type="checkbox"/>	<input type="checkbox"/>
H370 – Specific organic toxicity, STOT SE 1	<input type="checkbox"/>	<input type="checkbox"/>
H372 – Specific organic toxicity, STOT RE 1	<input type="checkbox"/>	<input type="checkbox"/>
H334 - Respiratory sensitisation, Resp. Sens. 1, 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H317 - Skin sensitisation, Skin Sens. 1, 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H350 – Carcinogenic, Carc. 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H351 – Carcinogenic, Carc. 2	<input type="checkbox"/>	<input type="checkbox"/>
H340 – Germ cell mutagenic, Mut. 1A and 1B	<input type="checkbox"/>	<input type="checkbox"/>
H341 – Germ cell mutagenic, Mut. 2	<input type="checkbox"/>	<input type="checkbox"/>
H360 – Reproductive toxicity, Repr. 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H361 – Reproductive toxicity, Repr. 2	<input type="checkbox"/>	<input type="checkbox"/>
H362 – Reproductive toxicity, Lact.	<input type="checkbox"/>	<input type="checkbox"/>
EUH380 - Endocrine disruption for human health , ED HH 1	<input type="checkbox"/>	<input type="checkbox"/>
EUH381- Endocrine disruption for human health , ED HH 2	<input type="checkbox"/>	<input type="checkbox"/>

EUH430 - Endocrine disruption for the environment, ED ENV 1	<input type="checkbox"/>	<input type="checkbox"/>
EUH431 - Endocrine disruption for the environment, ED ENV 2	<input type="checkbox"/>	<input type="checkbox"/>
EUH440- Persistent, bioaccumulative and toxic properties, PBT	<input type="checkbox"/>	<input type="checkbox"/>
EUH441- Very persistent, very bioaccumulative properties, vPvB	<input type="checkbox"/>	<input type="checkbox"/>
EUH450- Persistent, Mobile and Toxic properties, PMT	<input type="checkbox"/>	<input type="checkbox"/>
EUH451- Very Persistent, Very Mobile properties, vPvM	<input type="checkbox"/>	<input type="checkbox"/>
The following are exempted from the requirement: <ul style="list-style-type: none"> <i>Non-disperse dyes classified as H334 and/or H317, provided that non-dusting formulations are used or that automatic dosing is used. If manual filling of automatic dosing systems is used, the manual handling must be carried out using the correct personal protective equipment in accordance with the safety data sheet (SDS) and/or by using technical measures such as local extraction/ventilation.</i> 		

If the answer to any of the above questions is Yes, state the CAS No. (where possible), chemical name and level (in ppm, % by weight or mg / kg) in the chemical product. Also state whether the applicable substance is contained in the form of an impurity or an added substance. Please state also if the above-mentioned exception apply and which prerequisite apply (non-disperse dyes/non-dusting or automatic dosing with/without manual filling)

Classification of ingoing substances according to CLP regulation 1272/2008		
Does the chemical product contain substances classified with any of the hazard phrases below? Including all combinations of stated exposure routes and stated specific effect. For example, H350 also covers classification H350i.	Yes	No
H350 – Carcinogenic, Car 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H351 – Carcinogenic, Carc. 2	<input type="checkbox"/>	<input type="checkbox"/>
H340 – Germ cell mutagenic, Mut. 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H341 – Germ cell mutagenic, Mut. 2	<input type="checkbox"/>	<input type="checkbox"/>
H360 – Reproductive toxicity, Repr. 1A or 1B	<input type="checkbox"/>	<input type="checkbox"/>
H361 – Reproductive toxicity, Repr. 2	<input type="checkbox"/>	<input type="checkbox"/>
H362 – Reproductive toxicity, Lact.	<input type="checkbox"/>	<input type="checkbox"/>
EUH380 – Endocrine disruption for human health, ED HH 1	<input type="checkbox"/>	<input type="checkbox"/>
EUH381 – Endocrine disruption for human health, ED HH 2	<input type="checkbox"/>	<input type="checkbox"/>
EUH430 – Endocrine disruption for the environment, ED ENV 1	<input type="checkbox"/>	<input type="checkbox"/>
EUH431 – Endocrine disruption for the environment, ED ENV 2	<input type="checkbox"/>	<input type="checkbox"/>
EUH440 – Persistent, Bioaccumulative and Toxic properties, PBT	<input type="checkbox"/>	<input type="checkbox"/>
EUH441 – Very Persistent, Very Bioaccumulative properties, vPvB	<input type="checkbox"/>	<input type="checkbox"/>
EUH450 – Persistent, Mobile and Toxic properties, PMT	<input type="checkbox"/>	<input type="checkbox"/>
EUH451 – Very Persistent, Very Mobile properties, vPvM	<input type="checkbox"/>	<input type="checkbox"/>

If the answer to any of the above questions is Yes, state the CAS No. (where possible), chemical name and level (in ppm, % by weight or mg / kg). Also state whether the substance is contained in the form of an impurity or an added substance.

Prohibited substances		
Does the chemical product contain any of the following substances?	Yes	No
Substances on the REACH Candidate list of SVHC substances http://echa.europa.eu/candidate-list-table	<input type="checkbox"/>	<input type="checkbox"/>
PBT and vPvB substances in accordance with REACH Annex XIII, including those under ECHA PBT assessment https://echa.europa.eu/da/pbt	<input type="checkbox"/>	<input type="checkbox"/>
Potential or identified endocrine disruptors, listed in any of the following “Endocrine Disruptor Lists” List I; II and III Note: Substances moved to “Substances no longer on list” and not present on Lists I-III, are no longer excluded, except for those on sublist II where concern remains. Nordic Ecolabelling will assess these on a case-by-case basis.	<input type="checkbox"/>	<input type="checkbox"/>
Halogenated organic compounds Exemptions* for: • Pigments that meet the EU’s requirements concerning colourants in food packaging under Resolution AP (89) point 2.5 * Perfluorinated and polyfluorinated alkyl substances are covered by their own bulletin and are not included in this exemption.	<input type="checkbox"/>	<input type="checkbox"/>
Per- and polyfluoroalkyl substances (PFAS)* *PFAS: as any substance that contains at least one fully fluorinated methyl (CF ₃ -) or methylene (-CF ₂ -) carbon atom (without any H/Cl/Br/I attached to it).	<input type="checkbox"/>	<input type="checkbox"/>
Bitumen (CAS no. 8052-42-4)	<input type="checkbox"/>	<input type="checkbox"/>
Aziridine (CAS No. 151-56-4) and polyaziridines	<input type="checkbox"/>	<input type="checkbox"/>
Bisphenols and bisphenol derivatives, defined as 34 bisphenols identified by ECHA* for further EU regulatory risk management due to known or potential endocrine disruption or reproductive toxicity. *EC/List No. 201-245-8 (BPA), 201-025-1 (BPB), 401-720-1 (4,4' Isobutylethylidenediphenol), 216-036-7 (BPAF) and its 8 salts (278-305-5; 425-060-9; 443-330-4; 468-740-0; 469-080-6; 479-100-5; 943-265-6; 947-368-7), 201-250-5 (BPS), 201-240-0 (BPC), 204-279-1 (TBMD), 201-618-5 (6,6'-di-tert-butyl-4,4'-butylidenedi-m-cresol), 242-895-2, 248-607-1, 405-520-5 (D8), 217-121-1 (DAB), 227-033-5 (TMBPA), 210-658-2 (BPF), 411-570-9, 277-962-5 (contains BPS, 500-086-4 (contains BPA), 500-263-6 (contains BPA), 500-607-5 (contains BPA), 701-362-9, 904-653-0 (contains BPA), 908-912-9 (contains BPF), 926-571-4 (contains BPA), 931-252-8 (contains BPA), 941-992-3 (contains BPS), 943-503-9 (contains BPA)). [1] Assessment of regulatory needs: Bisphenols. ECHA – 16 December 2021: Section 2.1: Bisphenols for which further EU RRM is proposed https://echa.europa.eu/documents/10162/5e60f2fe-12d0-7f6b-5868-f199cfd7f984	<input type="checkbox"/>	<input type="checkbox"/>
Organotin compounds	<input type="checkbox"/>	<input type="checkbox"/>
Alkylphenols (AP) (e.g. butylated hydroxy anisole (BHA, CAS No. 25013-16-5), butylated hydroxytoluene (BHT, CAS No. 128-37-0), alkylphenol ethoxylates (APEOs) and other alkylphenol derivatives (APD)	<input type="checkbox"/>	<input type="checkbox"/>
Phthalates	<input type="checkbox"/>	<input type="checkbox"/>

Pigments, dyes and additives containing lead, tin, cadmium, chromium VI and mercury and their compounds	<input type="checkbox"/>	<input type="checkbox"/>
D4 (octamethylcyclotetrasiloxane, CAS No. 556-67-2), D5 (decamethylcyclopentasiloxane, CAS No. 541-02-6), D6 (dodecamethylcyclohexasiloxane, CAS No. 540-97-6)	<input type="checkbox"/>	<input type="checkbox"/>
Azo dyes that may release aromatic amines with carcinogenic properties listed in Appendix 6.	<input type="checkbox"/>	<input type="checkbox"/>

If the answer to any of the above questions is Yes, state the CAS No. (where possible), chemical name and level (in ppm, % by weight or mg / kg). Also state whether the substance is contained in the form of an impurity or an added substance. Please state also if the above-mentioned exceptions apply.

Nanomaterials and Metal dyes and pigments		
	Yes	No
Does the chemical product contain nanomaterials/-particles*?	<input type="checkbox"/>	<input type="checkbox"/>
<p>*Nanomaterials/-particles are defined according to the EU Commission Recommendation on the Definition of Nanomaterial (2022/C 229/01): 'Nanomaterial' means a natural, incidental or manufactured material consisting of solid particles that are present, either on their own or as identifiable constituent particles in aggregates or agglomerates, and where 50% or more of these particles in the number-based size distribution fulfil at least one of the following conditions: (a) one or more external dimensions of the particle are in the size range 1 nm to 100 nm; (b) the particle has an elongated shape, such as a rod, fibre or tube, where two external dimensions are smaller than 1 nm and the other dimension is larger than 100 nm; (c) the particle has a plate-like shape, where one external dimension is smaller than 1 nm and the other dimensions are larger than 100 nm.</p>		
Are metal complex dyes and pigments used ? If yes, please explain below which heavy metal the dye/pigment contains. If the dye/pigment contains copper, please give the maximum % of copper by weight.	<input type="checkbox"/>	<input type="checkbox"/>

If the answer to the above question is Yes, state the CAS No. (where possible), chemical name and level (in ppm, % by weight or mg / kg). Also state whether the substance is contained in the form of an impurity or an added substance. Please state also if the above-mentioned exceptions apply.

Signature of manufacturer/supplier

Date	Company
Name of contact person in CAPITAL letters	Signature by contact person
Phone	E-mail