

## Appendix 1 Declaration from the manufacturer of the industrial cleaning and degreasing agent

To be used in conjunction with an application for a licence for the Nordic Swan Ecolabel of industrial cleaning and degreasing agents.

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, 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.

Product name:	
Product type and area of use:	
Product category (tick the box):	
Water-based products	<input type="checkbox"/>
CIP, component cleaning agents	<input type="checkbox"/>
Solvent-based products (ready-to-use)	<input type="checkbox"/>
Graffiti removers	<input type="checkbox"/>
Cleaners for solar modules	<input type="checkbox"/>

The requirements in the criteria document and accompanying appendices apply to all ingoing substances in the Nordic Swan Ecolabelled product. Impurities are not regarded as ingoing substances and are exempt from the requirements. Ingoing substances and impurities are defined below, unless stated otherwise in the requirements.

- **Ingoing substances:** All substances\* in the product including additives (e.g. preservatives and stabilisers) 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 shall be regarded.*

- **Impurities:** Trace levels of pollutants, contaminants and residues from production, incl. production of raw materials that remain in the product in concentrations  $\leq 100$  ppm ( $\leq 0.0100$  w%). For formaldehyde other than as a biocidal active substance and for arylamine, the corresponding concentration is  $\leq 50$  ppm ( $\leq 0.0050$  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 ( $\geq 1.0000$  w%) are always regarded as ingoing substances, regardless of the concentration in the Nordic Swan Ecolabelled product.

### **Additional information concerning definitions of ingoing substances and impurities**

*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.

However, in the requirements concerning environmentally hazardous substances, aNBO, anNBO and CDV, the UVCB substance can be considered as one ingoing substance and placed in a single row in the calculation sheet. If the UVCB substance can be assigned a DID-number, the data on the DID-list must be used.

O2 Classification of the product		
Is the product classified with any of the hazard phrases below? <i>Incl. all classification variants. For example, H350 also covers classification H350i.</i>	Yes	No
If the answer to all the classifications below is No, mark here		
Carc. 1A or 1B H350		
Carc. 2 H351		
Muta. 1A or 1B H340		
Muta. 2 H341		
Repr. 1A or 1B H360		
Repr. 2 H361		
Lact. H362		
Resp. Sens. 1, 1A or 1B H334		
Skin Sens. 1, 1A or 1B H317		
Acute Tox. 1 or 2 H300		
Acute Tox. 1 or 2 H310		
Acute Tox. 1 or 2 H330		
Acute Tox. 3 H301		
Acute Tox. 3 H311		
Acute Tox. 3 H331		
Acute Tox. 4 H302		
Acute Tox. 4 H312		
Acute Tox. 4 H332		
Aquatic Acute 1 H400		
Acute Chronic 1 H410		
Aquatic Chronic 2 H411		
Aquatic Chronic 3 H412		
Aquatic Chronic 4 H413		
Ozone H420		
STOT SE 1 H370		
STOT SE 2 H371		
STOT RE 1 H372		
STOT RE 2 H373		

Asp. Tox. 1 H304		
Flam. Aer. 1 H222		
Flam. Liq. 1 H224		
ED HH 1 EUH380		
ED HH 2 EUH381		
ED ENV 1 EUH430		
ED ENV 2 EUH431		
PBT EUH440		
vPvB EUH441		
PMT EUH450		
vPvM EUH451		

### O3 Classification of ingoing substances

Does the product contain substances classified with any of the hazard phrases below? <i>Incl. all classification variants. For example, H350 also covers classification H350i.</i>	Yes	No
If the answer to all the classifications below is No, mark here		
Carc. 1A or 1B H350		
Carc. 2 H351		
Muta. 1A or 1B H340		
Muta. 2 H341		
Repr. 1A or 1B H360		
Repr. 2 H361		
Lact. H362		
Resp. Sens. 1, 1A or 1B H334		
Skin Sens. 1, 1A or 1B H317		
STOT RE 1 H372		
Ozone H420		
ED HH 1 EUH380		
ED HH 2 EUH381		
ED ENV 1 EUH430		
ED ENV 2 EUH431		
PBT EUH440		
vPvB EUH441		

PMT EUH450		
vPvM EUH451		

**O5 Preservatives**

	Yes	No
Does the product contain preservatives?		
If yes, state the BCF (Bioconcentration Factor) and/or log Kow (octanol-water partition coefficient):		

**O6 Organic colorants**

	Yes	No
Does the product contain organic colorants?		
If yes, state the BCF (Bioconcentration Factor) and/or log Kow (octanol-water partition coefficient):		
If the colorant is approved for use in food, state the E-number:		

**O7 Volatile organic compounds (VOC)**

	Yes	No
Does the product contain volatile organic compounds*? <i>Volatile organic compounds (VOCs) are organic compounds with a vapor pressure of 0.01 kPa or more at 293.15 K (20°C).</i>		
If yes, what is the wt%?		

O8 Phosphorus		
	Yes	No
Does the product contain phosphorus?		

O9 Excluded substances		
Does the product contain any of the following substances?	Yes	No
Alkylphenols (AP) (e.g. butylated hydroxy anisole (BHA, CAS No. 25013-16-5), alkylphenol ethoxylates (APEO), and other alkylphenol derivatives (APD))		
Aminopolyphosphonates		
Aromatic solvents <i>Solvents are defined as in Commission Directive 1999/13/EC: organic substances with a vapour pressure of at least 0.01 kPa at 20 °C.</i>		
Benzalkonium chloride (CAS No. 63449-41-2)		
Bisphenols and bisphenol derivatives, defined as the 34 bisphenols that have been identified by ECHA <sup>2</sup> for further EU regulatory risk management because they are known or potential endocrine disruptors for the environment or for human health, or can be identified as toxic for reproduction		
Boric acid, borates, and perborates		
Ethylenediamine tetraacetate (EDTA, CAS No. 6381-92-6) and its salts and diethylenetriamine pentaacetate (DTPA, CAS No. 67-43-6) and its salts		
Fragrances		
Halogenated organic compounds		
Isothiazolinones (e.g. methylisothiazolinone (MIT), CAS No. 2682-20-4, metylchlorisothiazolinone (CMIT), CAS No. 26172-55-4, C(M)IT/MIT (3:1), CAS No. 55965-84-9, benzisothiazolinone (BIT), CAS No. 2634-33-5, octylisothiazolinone (OIT), CAS No. 26530-20-1 and dichlorooctylisothiazolinone (DCOIT), CAS No. 64359-81-5)		
LAS (linear alkylbenzene sulphonates)		
NTA (nitrilotriacetic acid, CAS-no. 139-13-9) and its salts		
Organic chlorine compounds, hypochlorous acid and hypochlorite		
PBT and vPvB substances in accordance with REACH Annex XIII, including substances under investigation according to the ECHA PBT assessment list <a href="https://echa.europa.eu/da/pbt">https://echa.europa.eu/da/pbt</a>		
Per- and polyfluoroalkyl substances (PFAS) <i>PFASs are defined as fluorinated substances containing at least one fully fluorinated methyl or methylene carbon atom (without any H / Cl / Br / I atom attached to it), i.e., with a few listed exceptions, all chemicals with at least one perfluorinated methyl group (–CF<sub>3</sub>) or a perfluorinated the methylene group (–CF<sub>2</sub>–) is a PFAS as described in the OECD recommendations.</i>		
Phthalates (i.e., esters of phthalic acid CAS No. 88-99-3)		

<sup>2</sup> 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>

Potential or identified endocrine disruptors, according to any of the following EU member state initiative "Endocrine Disruptor Lists" List I, II and III <i>N.B. A substance which is transferred to one of the corresponding sublists called "Substances no longer on list" and no longer appears on any of List I-III, is no longer excluded. The exemption is those substances on sublist II which were evaluated and where concern for endocrine disruption may still remain. Nordic Ecolabelling will evaluate the circumstances case-by-case, based on the background information indicated on sublist II.</i>		
Quaternary ammonium compounds, which are not aerobically or anaerobically biodegradable** such as DTDMAC (CAS No. 61789-80-8), DSDMAC (CAS No. 107-64-2), DHTDMAC (CAS No. 61789-72-8) and DADMAC (CAS No. 7398-69-8). <i>** According to test method 301 (A-F) or 310 in OECD guidelines for testing of chemicals or other equivalent methods evaluated by an independent body and controlled by Nordic Ecolabelling.</i>		
Siloxanes D4, D5, D6 and HMDS		
Substances on the REACH Candidate list of SVHC substances <a href="https://www.echa.europa.eu/candidate-list-table">https://www.echa.europa.eu/candidate-list-table</a>		

### O10 Microplastics

	Yes	No
<p>Does the product contain microplastics?</p> <p><i>Microplastics are synthetic polymer microparticles as defined in REACH Regulation ((EC) No 1907/2006), Annex XVII, Entry no. 78: Synthetic polymer microparticles: polymers that are solid, and which fulfil both of the following conditions:</i></p> <ul style="list-style-type: none"> <li><i>a) are contained in particles and constitute at least 1% by weight of those particles; or build a continuous surface coating on particles.</i></li> <li><i>b) at least 1% by weight of the particles referred to in point (a) fulfil either of the following conditions:</i> <ul style="list-style-type: none"> <li><i>(i) all dimensions of the particles are equal to or less than 5 mm.</i></li> <li><i>(ii) the length of the particles is equal to or less than 15 mm and their length to diameter ratio is greater than 3.</i></li> </ul> </li> </ul> <p><i>The following polymers are excluded from this designation:</i></p> <ul style="list-style-type: none"> <li><i>a) polymers that are the result of a polymerisation process that has taken place in nature, independently of the process through which they have been extracted, which are not chemically modified substances.</i></li> <li><i>b) polymers that are biodegradable as proved in accordance with Appendix 15 [to REACH, Regulation (EC) No 1907/2006].</i></li> <li><i>c) polymers that have a solubility greater than 2 g/L as proved in accordance with Appendix 16 [to REACH, Regulation (EC) No 1907/2006].</i></li> <li><i>d) polymers that do not contain carbon atoms in their chemical structure.</i></li> </ul> <p><i>N.B. The following "Conditions of restriction" paragraphs apply: 1 (concentration limit in mixtures), 2 (definitions), 3 (particle size limits). The remaining points do not apply, e.g. 4 (Paragraph 1 shall not apply to the placing on the market of:), e.g. 4(a) "synthetic polymer microparticles, as substances on their own or in mixtures, for use at industrial sites", 5 (derogations), e.g. 5 (b) "synthetic polymer microparticles the physical properties of which are permanently modified during intended end use in such a way that the polymer no longer falls within the scope of this entry".</i></p>		

O11 Nanomaterials		
	Yes	No
<p>Does the product contain nanomaterials/-particles?</p> <p><i>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:</i></p> <p><i>(a) one or more external dimensions of the particle are in the size range 1 nm to 100 nm;</i></p> <p><i>(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;</i></p> <p><i>(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.</i></p>		

O12 Long-term environmental effects		
	Yes	No
Does the product contain substances classified as H410, H411 or H412?		

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 ingoing substance.

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In the event of any change to the composition of the product, 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