

**NTN Group Green Procurement
Standards
Appendix—List of NTN
Environmentally Hazardous
Substances (ver.1)**

Established June 3rd, 2024

NTN Corporation

1 Objectives

In line with the objectives of the NTN Group Green Procurement Standards, the objective of this Appendix is to prescribe a list of NTN environmentally hazardous substances that all items procured for use in NTN's products and manufacturing processes should be compliant with.

2 Laws and regulations, industry standards, etc. that the list of NTN environmentally hazardous substances takes into consideration

NTN takes the following laws and regulations, industry standards, etc. into consideration in the preparation of the list of NTN environmentally hazardous substances.

Laws and regulations, industry standards, etc.	Scope of application
Laws and regulations	
Stockholm Convention on Persistent Organic Pollutants (POPs)	
Montreal Protocol on Substances That Deplete the Ozone Layer	
Protocol to the United Nations Framework Convention on Climate Change (Kyoto Protocol)	
(Japan) Act on the Regulation of Manufacture and Evaluation of Chemical Substances Class I Specified Chemical Substance Class II Specified Chemical Substance Monitoring substances	Cabinet Order for the Partial Revision of the Order for Enforcement of the Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, Etc. Date of enforcement: February 1, 2024
(Japan) Industrial Safety and Health Act Substances whose manufacture, etc. is prohibited	
(Japan) Poisonous and Deleterious Substances Control Act Specified poisonous substance	
(Europe) RoHS Directive	EU Directive No. 2011/65/EU ((EU)2015/863)
(Europe) End-of-Life Vehicles (ELV) Directive	EU Directive No. 2011/37/EU
(Europe) REACH Regulation • Annex XVII List of Restricted Substances • Annex XIV List of Substances Subject to Authorisation • SVHC Substances of Very High Concern	Until Entry 78 Until Entry 59 Version 1 - 30
(Europe) POPs Regulation	EU Directive No. 2019/1021/EU
(Europe) CLP Regulation Annex VI Table 3.2 CMR (Category 1, 2) Substances	
(U.S.) Toxic Substances Control Act (TSCA) Section 6 Substances with prohibition or restriction on use	40 CFR 763
(U.S.) California State law, Proposition 65	
(France) French law regulating the use of mineral oils	

Laws and regulations, industry standards, etc.	Scope of application
Industry standards, etc.	
GADSL	2023 GADSL Reference List Version 1.0
IEC62474	IEC62474 D27.00
Customer standards (Environmentally hazardous substances management standards required of NTN by customers for green procurement, etc.)	

3 Application Period and Revision History

This Appendix shall be applied with effect from June 3, 2024.

This Appendix shall be revised as necessary in response to various domestic and foreign laws and regulations, requests from customers, changes in social conditions, or for other reasons. The latest edition can be obtained from NTN's website.

Ver.	Date of revision	Details of revision
1	June 3, 2024 (Established)	<p>Newly established as an Appendix to the NTN Group Green Procurement Standards.</p> <p>The following are the main revisions made, compared against the NTN environmentally hazardous substances list in Attachment 4 of the Green Procurement Standards (5th Edition).</p> <p>○Reviewed NTN-prohibited substances</p> <p>Changed “PFOA, its salts, and PFOA-related substances” from “Observation-requisite substances” to “NTN-prohibited substances.”</p> <p>Added the following substances (groups):</p> <ul style="list-style-type: none"> •Dechlorane Plus •Methoxychlor •PFCAs, its salts, and related substances •PFHxS, its salts, and related substances •UV-328 <p>○Reviewed threshold</p> <p>Changed the threshold for “PFOA, its salts, and PFOA-related substances” from 1,000 ppm to 25 ppb.</p>

Supplementary notes: Notation used in the list of NTN environmentally hazardous substances

○GADSL management classification (IMDS reporting standards)

“D” – Substances that must always be declared when usage exceeds the defined threshold.

“D/P” – Substances that may be prohibited depending on the purposes of use, and/or must be declared for other purposes of use.

Please check the GADSL documents for details.

“P” – Prohibited for all uses.

○Laws and regulations

•Applicable laws and regulations are indicated with ●

○Threshold

- Take note of the unit of concentration for threshold.
- Threshold for NTN-prohibited substances are applicable only in cases of unintentional contamination (intentional contamination is prohibited).
- Observation-required substances must be declared to NTN when the content exceeds the threshold.