



FUJIFILM Imaging Solutions Div.

Green Procurement Standards ANNEX 2

Ver. 10.3

July, 2023

1. Introduction

This standard is based on the Fujifilm Green Procurement Standards, and defines the management standards for chemical substances for products procured by the Imaging Solutions Division of Fujifilm Corporation (hereinafter, this division).

2. Green Procurement Standards

Compliance with all of the following requirements is mandatory:

- (1) Fujifilm Green Procurement Standards

https://www.fujifilm.com/about/procurement/fujifilm_green_procurement_standards/

- (2) Restricted chemical substances designated specially by this division. ※

※Restricted chemical substances, chemical substances to be controlled and their thresholds are provided in Table 1 and Table 2.

※If there are exemptions specified by laws and regulations, the inclusion of restricted chemical substances is permitted within that range.

Please note that we may make a different request from the "Standards" depending on the customer's requirements.

Table 1. Restricted chemical substances designated specially by this division.

Fluorinated greenhouse gases (PFC, SF ₆ , HFC)	
Targets	Thresholds
- All	Intentionally added
Exemption	-SF ₆ installed into surge absorber in power unit for projector

Ozone depleting substances (ODS)	
Substances of Annexes A, B, C and E of Montreal Protocol (*)	
Targets	Thresholds
- Articles	Intentionally added
- Components and materials processed with ODS	Processes with ODS cleaning, foaming or other processes

(*) Reference:

http://www.env.go.jp/earth/ozone/montreal_protocol.html

(Websites of Ministry of the Environment Government of Japan)

<http://ozone.unep.org/> (Websites of UNEP Ozone Secretariat)

Polychlorinated terphenyls (PCTs)	
Targets	Thresholds
- Articles	Equal to or less than 0.005 wt% (50 ppm) in material

Beryllium oxide	
Targets	Thresholds
- All	Equal to or less than 0.1 wt% (1000 ppm) of product

Polyvinyl chloride (PVC) and PVC blends	
Targets	Thresholds
<ul style="list-style-type: none"> - Fabrics and coating agents used for carrying bags, carrying cases, and carrying pouches for the following products (excluding those for professional use): <ul style="list-style-type: none"> Personal computers, digital cameras, video camcorders, and portable products - Cable ties used for accessories and connecting cords - Packaging components and materials to protect, contain, or transport products or supplied accessories (e.g. bags, adhesive tapes, cartons, and blister packs) Note that packaging components or materials for devices, semiconductors, and any other components (e.g. trays, magazine sticks, stoppers, reels, embossed carrier tapes) are excluded - Heat shrink tubes (Note: that such used for batteries are excluded) - Flexible flat cables (FFC) - Insulating plates, decorative panels, labels (Note: that such used for batteries are excluded) - Sheets, and laminates - Suction cups for mounting in-vehicle products 	Intentionally use
Exemption	<ul style="list-style-type: none"> - Binder for resins used for paints, inks, coating agents, adhesive etc. - Articles specified by divisions of Fujifilm or Fujifilm.

Tris(2-chloroethyl)phosphate (TCEP), Tris(1-chloro-2-propyl)phosphate (TCPP), Tris(1,3-dichloro-2-propyl)phosphate (TDCPP)	
CAS No.115-96-8	
CAS No. 13674-84-5, Synonym: Tris(2-chloro-1-methylethyl) phosphate	
CAS No. 13674-87-8	
Targets	Thresholds
- Articles	Equal to or less than 0.1 wt% (1000 ppm) of article

Cobalt dichloride	
CAS No. 7646-79-9	
Targets	Thresholds
- Moisture indicator used for a desiccant agent (e.g. silica gel)	Intentionally added
- Humidity indicator card which is impregnated with cobalt dichloride	Equal to or less than 0.1 wt% (1000 ppm) of article

Long-chain (C9-C21) perfluorocarboxylic acids (PFCAs) and its salts and related substances	
Targets	Thresholds
- All	Intentionally added

Perfluorohexane-1-sulphonic acid (PFHxS) and its salts	
Targets	Thresholds
- All	Equal to or less than 0.0000025 wt% (25 ppb) of articles and compounds

Perfluorohexane-1-sulphonic acid (PFHxS)-related substances	
Targets	Thresholds
- All	Equal to or less than 0.0001 wt% (1000 ppb) of articles and compounds

1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus" TM) (DP)	
Targets	Thresholds
- All	Intentionally added (From October 1 st , 2023)

2-(2H-benzotriazol-2-yl)-4, 6-di-tert-pentylphenol (UV-328)	
Targets	Thresholds
- All	Intentionally added (From October 1 st , 2023)

Mineral oil aromatic hydrocarbons (MOAH) with 1 to 7 aromatic rings	
Targets	Thresholds
- Packaging and Printing	Equal to or less than 1 wt% of ink (Until December 31 th , 2023) Equal to or less than 0.1 wt% of ink (From January 1 st , 2024)

MOAH with 3 to 7 aromatic rings	
Targets	Thresholds
- Packaging and Printing	Equal to or less than 1 ppm of ink (From January 1 st , 2024)

Mineral oil saturated hydrocarbons (MOSH) containing 16 to 35 carbon atoms	
Targets	Thresholds
- Packaging and Printing	Equal to or less than 0.1 wt% of ink (From January 1 st , 2024)

Table 2. Chemical substances to be controlled designated specially by this division.

Decabromodiphenylethane (DBDPE) (CAS No. 84852-53-9)	
Targets	Thresholds
- All	Intentionally added

Perfluorohexanoic acid (PFHxA) and its salts and related substances	
Targets	Thresholds
- All	Intentionally added

Perchlorates	
Including Lithium Perchlorate (CAS No. 7791-03-9)	
Targets	Thresholds
- Battery or its constituent substances	6×10^{-7} wt% (6 ppb)

Radioactive substances	
Corresponding to JAMP-SN0038 on the chemSHERPA Declarable substances	
Targets	Thresholds
- All	Intentionally added

Per- and polyfluoroalkyl substances (PFAS)	
Targets	Thresholds
- All	Intentionally added

PFAS substances are listed by OECD. For details, please contact the person in charge.

<https://www.oecd.org/chemicalsafety/risk-management/global-database-of-per-and-polyfluoroalkyl-substances.xlsx>

Revision History

Revision No.	Details	Date of Revision
Ver.10.0	Renewal - Compliant with "Fujifilm Green Procurement Standards Ver. 3.3" - Added restricted chemical substances designated specially by this division.	February 28, 2020
Ver.10.1	Compliant with "Fujifilm Green Procurement Standards Ver. 3.4"	December 1, 2020
Ver.10.2	(1) Due to the integration of divisions, we did the following change. - Changed the standard name - Addition to the former Photo Imaging Products Div.'s products to the applied products. (2) Compliant with "Fujifilm Green Procurement Standards Ver. 3.5" (3) Added Chemical substances to be controlled based on laws and regulatory trends and customers' standards. (4) Deleted asbestos for quoting Fujifilm Green Procurement Standards.	October 1, 2021
Ver.10.3	(1) Compliant with "Fujifilm Green Procurement Standards Ver. 3.6" (2) Added Chemical substances to be restricted and controlled based on laws and regulatory trends and customers' standards.	July 21, 2023

Contact : Quality Engineering & Assurance Group
e-mail : ff-kankyoku-imaging@fujifilm.com