

# **(For Suppliers)**

# **Investigation Manual for Regulated Chemical Substances**

## **Ver. 5.1 Revision Overview**

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**June 23, 2025**  
**Product Environment Promotion Dep.**  
**Quality Audit Div.**  
**Global Procurement, Quality and Logistics Headquarters**  
**OMRON Corporation**

**In light of changes to regulations on chemical substances contained in products and the international standard IEC62474 established in the electrical and electronics field, we reviewed our management standards on June 23, 2025.**

## ■ Main changes

### (1) Responding to changes in laws and regulations

- MCCPs and LC-PFCAs, which were decided to be added to Annex A at COP12 of the POPs Convention, are listed in the A1 rank.
- Considering legal regulations and customer demands, pentachlorophenols (PCP) are listed in the A1 rank.
- Changes to thresholds for Dechlorane Plus and UV-328 in light of the POPs Convention
- Due to the date of prohibition set by our company, the management classification of substances (MOHA, MOSH) subject to the mineral oil regulations (France) was changed (A1 → A).

### (2) Reflection of changes in IEC 62474 and chemSHERPA

- Added reporting IDs for PFHxS and its salts and PFHxS-related substances, and revised substance names, threshold values, and reference laws and regulations
- Modified the threshold for Azocolourants and azodyes which form certain aromatic amines.

### (3) Other

- Review of the information to be listed according to the date of prohibition of inclusion

# Overview of changes

## ■ Investigation Manual for Regulated Chemical Substances (substance list)

### Appendix 1. List of Regulated Chemical Substances

#### A: Banned substances

55 ⇒ 57 substances\*



- **Change in rank of three substances subject to mineral oil regulations (A1 to A)**
  - 1-7 ring MOAH\*
  - 3 to 7 ring MOAH
  - MOSH with carbon number 16 to 35
- **Add or change related information**
  - PFHxS
  - PFHxS related compounds
- **Change the threshold**
  - Dechlorane Plus
  - UV-328
- **Modify the threshold**
  - Azocolourants and azodyes which form certain aromatic amines

\*No. 53 in Ver5.0 is included and therefore deleted.

### Appendix 1. List of Regulated Chemical Substances

#### A1: Totally eliminated substances

3 ⇒ 3 substances\*\*



- **Two new substance groups are now included under the POPs Convention**
  - Medium Chain Chlorinated Paraffins (MCCPs)
  - LC-PFCA
- **Considering legal regulations and customer demands, it has been listed in the A1 rank.**
  - Pentachlorophenols (PCP)

\*\* : The three substances subject to mineral oil regulations in Ver. 5.0 have been deleted due to the transition to A rank.

# Overview of changes

## ■ Investigation Manual for Regulated Chemical Substances (substance list)

### Attachment 2. Exemption List



- **Review of the information to be listed according to the Time of Total elimination**
  - Mercury/mercury compounds
  - Perfluorooctanoic acid (PFOA) and its salts
  - PFOA-related compounds
  - C9-C14 PFCAs and their salts
  - C9-C14 PFCA related substances
  - Phenol, Isopropylated Phosphate (3:1) (PIP (3:1))

# Revisions to Phase-out substances/applications (A1 rank) Page5/12

■ Following the decision to add the substance to the list of substances covered by the POPs Convention at COP12, the substance will be banned from inclusion until June 30, 2026, and the substance will be ranked A1 in order to be able to quickly comply with the laws and regulations of each country that are scheduled to be introduced in the future.

CAS Number	Substance/substance group	Management classification	Applications (Reportable applications)	Threshold (Reporting threshold /reporting level)	Time of Total elimination
-	Medium-chain chlorinated paraffins with carbon chain lengths in the range C14–17 and chlorination levels at or exceeding 45 per cent chlorine by weight (MCCP)	A1	All products except for those used for applications listed in Note 18	Intentionally added	2026-06-30
-	Long-chain perfluorocarboxylic acids, their salts and related compounds with carbon chain lengths in the range C9-C21	A1	All	Intentionally added	2026-06-30

Note 18 The usage code of exempted application of medium-chain chlorinated paraffins are as follows:

- Soft polyvinyl chloride for the following applications:
  - Wires and cables for medical and in-vitro diagnostic equipment
- Metalworking oils for such as the following applications:
  - Electrical and electronic equipment used as medical devices, in-vitro diagnostic devices, and measuring, analyzing, manufacturing, controlling, monitoring, testing and inspection devices

# Revisions to Phase-out substances/applications (A1 rank) Page6/12

■ Considering legal regulations and customer demands, it was set as A1 rank.

Substance /substance group	ID	Management classification		Applications (Reportable applications)	Threshold (Reporting threshold /reporting level)	Time of Total elimination
		FROM	TO			
Pentachlorophenol and its salts and esters	00201	B	A1	All products	Intentionally added or 0.0005 mass% of PCP including its salts and esters in article or mixture [ReportingLevel: Article, Mixture]	2027-06-30

# Revisions to Banned substances/applications (Rank A)

- Following the decision to add substances to the list of substances covered by the POPs Convention at COP12, the threshold values for Dechlorane Plus and UV-328 were changed to take into account the contents of the POPs Convention.

CAS Number	Substance /substance group	ID	Threshold (reporting threshold/reporting level)	
			FROM	TO
-	Dechlorane Plus	00147	Intentionally added or 0.1 mass% of article [ReportingLevel: Article]	Intentionally added
-	UV-328	00130	Intentionally added or 0.1 mass% of article [ReportingLevel: Article]	Intentionally added

# Revisions to Banned substances/applications (Rank A)

■ Due to the arrival of the date for prohibition set by our company, the ranking of three substances (MOHA, MOSH) subject to the mineral oil regulations (France) has been changed.

CAS Number	substance/substance group	ID	Management classification		Time of Total elimination
			FROM	TO	
-	Mineral oil aromatic hydrocarbons comprising from 1 to 7 aromatic rings(MOAH)	-	A1	A	2024-07-01
-	Mineral oil aromatic hydrocarbons comprising from 3 to 7 aromatic rings(MOAH)	-			
-	Hydrocarbons saturated with mineral oil containing 16 to 35 carbon atoms(MOSH)	-			

## Additional information

• Due to the change to A rank, the following use (No. 53) that was previously set as A rank has been deleted.

No.	substance/substance group	Management classification	Applications (Reportable applications)	Threshold (reporting threshold/reporting level)
53	Mineral oil aromatic hydrocarbons comprising from 1 to 7 aromatic rings(MOAH)	A	Packaging materials used in consumer products	Total MOAH of 1-7 rings 1% by weight (10000ppm) of ink used in packaging [Reporting level: Material]



# Revisions to Banned substances/applications (Rank A)

- Added and changed related information in accordance with the inclusion in IEC62474DSL and the update of chemSHERPA (substance name, report ID, threshold value, reference laws and regulations, etc.)

## FROM

Substance/substance group	Rank	Report ID	Applications (Reportable applications)	Threshold (Reporting threshold/reporting level)	Referenced laws & regulations
Perfluorohexane sulfonic acid (PFHxS) , their salts	A	-	All	0.0000025 mass%(25 ppb) of PFHxS, their salts [ReportingLevel: Article, Mixture]	POPs Convention
PFHxS-related substances	A	-	All	0.0001 mass%(1000 ppb) of one or a combination of PFHxS related substances [ReportingLevel: Article, Mixture]	POPs Convention



## TO

Substance/substance group	Rank	Report ID	Applications (Reportable applications)	Threshold (Reporting threshold/reporting level)	Referenced laws & regulations
Perfluorohexane-1-sulphonic acid and its salts	A	00143	All	Intentionally added or 0.0000025 mass% of PFHxS or any of its salts in article [ReportingLevel: Article]	[EU] POPs Regulation ANNEX I
PFHxS related compounds	A	00205	All	Intentionally added or 0.0001 mass% of one or a combination of PFHxS-related compounds in article [ReportingLevel: Article]	[EU] POPs Regulation ANNEX I

# Revisions to Banned substances/applications (Rank A)

- Reflecting the change in threshold value of azo dyes that may generate specific aromatic amines, which was revised in IEC62474 D30.00

CAS Number	Substance /substance group	ID	Threshold (reporting threshold/reporting level)	
			FROM	TO
-	Azocolourants and azodyes which form certain aromatic amines	00004	0.003% by weight of the finished textile/leather product [ReportingLevel: material]	Intentionally added [Reporting level: material]

# Where to find related documentation

The following documents are available at the following URL:

Green Procurement Standards  
ver.7.1

Investigation Manual for  
Regulated Chemical Substances  
ver.5.1

Japanese site

[https://www.omron.com/jp/ja/sustainability/envIRON/procurement/green\\_procurement/](https://www.omron.com/jp/ja/sustainability/envIRON/procurement/green_procurement/)

Global site (English)

[https://www.omron.com/global/en/sustainability/envIRON/procurement/green\\_procurement/](https://www.omron.com/global/en/sustainability/envIRON/procurement/green_procurement/)

**chemSHERPA**

**JAMP website**

Japanese site

<https://chemsherpa.net/>

English site

<https://chemsherpa.net/english>

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