6 Nov 2026

Ref: NEA/HS/6.6/SC03

To: Industry Stakeholders

Dear Sir/Madam,

UPDATES ON EXEMPTIONS FOR MCCPS (CHLORINATION LEVELS ≥ 45% CHLORINE BY WEIGHT) AND LC-PFCAS IN SINGAPORE

Singapore is a Party to the Stockholm Convention, which aims to eliminate and/or restrict production and use of Persistent Organic Pollutants (POPs). At the 12th Conference of the Parties to the Stockholm Convention held in Apr/May 2025, the Parties agreed to adopt the following chemicals in Annex A to the Convention for elimination, with certain specific exemptions.

(i) Chlorpyrifos;
(ii) Medium-chain chlorinated paraffins with chain lengths at least C14 but not exceeding C17 (MCCPs) and chlorination levels ≥ 45% chlorine by weight;
(iii) Long-chain perfluorocarboxylic acids with chain lengths at least C9 but not exceeding C21, their salts and related compounds (LC-PFCAs)

2 On 26 Jan 2026, NEA informed industry stakeholders via a circular titled "Updates on the Phase-Out Of Chlorpyrifos, MCCPs (Chlorination Levels ≥ 45% Chlorine by Weight), and LC-PFCAs under the Stockholm Convention" that the manufacture, import, export and use of these substances, as well as products containing them, will not be allowed in Singapore from 16 Dec 2026 onwards, in line with the deadline stipulated by the Stockholm Convention.

3 NEA notes the feedback received from industry stakeholders on the critical role of MCCPs (chlorination levels ≥ 45% chlorine by weight) and LC-PFCAs in certain specific uses and applications, and that the industry requires additional time to phase them out due to the lack of current viable alternatives. After careful consideration, NEA has decided to exempt the uses and applications listed in **ANNEX I**, from the requirement to eliminate MCCPs (chlorination levels ≥ 45% chlorine by weight) and LC-PFCAs. Uses and applications that fall under these exemptions would not be subject to NEA's licensing requirements. These exemptions will be subject to future review by NEA based on the availability of viable alternatives and feedback from industry stakeholders.

4 The effective date to phase out the manufacture, import, export and use of Chlorpyrifos, MCCPs (chlorination levels ≥ 45% chlorine by weight) and LC-PFCAs and their products, for uses and applications not listed in **ANNEX I**, remains as **16 Dec 2026**.

Harmonised System ("HS") and Product Codes

5 The applicable HS and Product Codes are listed in **ANNEX II**. Traders are required to use the appropriate HS and Product Codes when declaring their import and export TradeNet® permit applications. All such TradeNet® permit applications will be subject to the Chemical Control and Management Department (CCMD)'s approval.

6 For more information on the control of Hazardous Substances, please visit NEA's website;

https://www.nea.gov.sg/our-services/pollution-control/chemical-safety/hazardous-substances/management-of-hazardous-substances

7 For further enquiries on TradeNet® matters, you may e-mail them to nea_pcd_hs@nea.gov.sg.

(This is a computer-generated circular and requires no signature.)

ANNEX I

List of Allowable Exemptions from Elimination in Singapore for MCCPs (chlorination levels ⩾ 45% chlorine by weight) and LC-PFCAs

Chemical Substances	Allowable Exemptions for Manufacture, Import, Export and Use
Medium-chain chlorinated paraffins with chain lengths at least C14 but not exceeding C17 (MCCPs) (chlorination levels ≥ 45% chlorine by weight) and their products	(a) Adhesives and sealants, limited to the following uses: i. Aerospace and defence applications ii. Waterproof coatings and anticorrosion coatings (b) Electrical and electronic equipment (EEE) finished products, related components and auxiliary materials (c) Flexible elastomeric foam for thermal insulation (d) Flexible polyvinyl chloride (PVC), limited to the following uses: i. Construction sector, including maintenance of buildings and other structures, for uses other than flooring in indoor spaces that are not used for commercial purposes ii. Wires and cables in medical devices and in-vitro diagnostic devices (e) All medical devices listed in the First Schedule of the Health Products Act (f) Metalworking fluids in professional or industrial settings with collection systems, limited to use as extreme temperature and pressure additives for metalworking fluids used in "heavy duty" processes[1] for the production and repair of metals and metal alloy components[2]; *[1]Heavy duty processes include deep drawing, broaching and fine blanking, drawing with ironing; precision metalworking (cutting/punching/drilling), tapping, cold drawing, and cold rolling (pilgering), stamping, forging and grinding.* *[2]Metal alloy includes alloys, metals and alloys of these metals: stainless steel, titanium, nickel, aluminium, copper and beryllium.* (g) Polymers and rubbers used in replacement parts for, and repair of, articles where the substances were originally used in the manufacture of these articles: i. Parts for land-based motor vehicles and machinery used in agriculture, construction, forestry and landscaping; ii. EEE used for medical devices, in-vitro diagnostics devices, and instruments for measurement, analysis, manufacturing, control, monitoring, testing and inspection

	iii. Aerospace and defence applications; (h) Semiconductors, semiconductor manufacturing equipment and associated support systems, related components and auxiliary materials; (i) Tape used for non-structural bonding in aerospace and defence products
Long-chain perfluorocarboxylic acids with chain lengths at least C9 but not exceeding C21, their salts, related compounds (LC-PFCAs) and their products	(a) Replacement parts for motor vehicles that have ceased mass production, covering all land-based vehicles (b) Semiconductors designed for replacement parts that have ceased mass production

ANNEX II

List of Harmonised System ("HS") and Product Codes

S/N	Chemical/Product	HS Code	HS Description	Product Code	Product Description
1	Chlorpyrifos	38089319	Herbicides not specified in subheading note 1 or 2 of chap 38 not in aerosol containers (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl (herbicide)
		38089311	Herbicides not specified in subheading note 1 or 2 of chap 38 in aerosol containers (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl (herbicide)
		38089199	Other insecticides not having deodorising function not specified in subheading note 1 or 2 of chap 38 (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl (insecticide)
		38089130	Insecticides not specified in subheading note 1 or 2 of chap 38 in aerosol containers (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl (insecticide)
		38089191	Other insecticides having deodorising function not specified in subheading note 1 or 2 of chap 38 (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl (insecticide)
		38089990	Rodenticides & similar products not specified in subheading note 1 or 2 of chap 38 (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl (rodenticide & similar preparation)
		29333990	Other compounds with an unfused pyridine ring (KGM)	PCDCHL119	Chlorpyrifos; chlorpyrifos-ethyl

S/N	Chemical/Product	HS Code	HS Description	Product Code	Product Description
2	Medium-chain chlorinated paraffins with chain lengths at least C14 but not exceeding C17 (MCCPs) (chlorination levels ≥ 45% chlorine by weight)	38249999	Other chemical products & preparations of the chemical or allied industries excluding naphthenic acids their water insoluble salts & their esters	PCDMCP112	Medium-chain chlorinated paraffins - in other chemical products & preparations of the chemical or allied industries excluding naphthenic acids their water insoluble salts & their esters
		29031990	Other saturated chlorinated derivatives of acyclic hydrocarbons	PCDMCP112	Medium-chain chlorinated paraffins
		32081019	Varnishes based on polyesters in non-aqueous medium not for dentistry use	PCDMCP112	Medium-chain chlorinated paraffins - in varnishes based on polyesters in non-aqueous medium not for dentistry use
		32081090	Other paints based on polyesters in non-aqueous medium & solutions defined in Note 4 of Chapter 32 based on polyesters	PCDMCP112	Medium-chain chlorinated paraffins - in other paints based on polyesters in non-aqueous medium
		32082090	Other paints & varnishes in non-aqueous medium & solutions defined in Note 4 of Chapter 32 based on acrylic or vinyl polymers	PCDMCP112	Medium-chain chlorinated paraffins - in other paints & varnishes of acrylic/ vinyl polymers
		34031111	Lubricating oil preparations for treatment of materials in liquid form containing by weight less than 70% of petroleum or bituminous mineral oils	PCDMCP112	Medium-chain chlorinated paraffins - in lubricating oil preparations for treatment of materials in liquid form containing by weight less than 70% of petroleum or bituminous mineral oils
		34031912	Lubricating preparations with	PCDMCP112	Medium-chain chlorinated paraffins -

S/N	Chemical/Product	HS Code	HS Description	Product Code	Product Description
			silicone oil in liquid form not for aircraft engines containing by weight less than 70% of petroleum or bituminous mineral oils		in lubricating preparations with silicone oil in liquid form not for aircraft engines containing by weight less than 70% of petroleum or bituminous mineral oils
		34031919	Other lubricating preparations not for aircraft engines in liquid form containing by weight less than 70% of petroleum or bituminous mineral oils not elsewhere specified	PCDMCP112	Medium-chain chlorinated paraffins - in other lubricating preparations not for aircraft engines in liquid form containing by weight less than 70% of petroleum or bituminous mineral oils not elsewhere specified
		34039111	Preparations for treatment of materials in liquid form containing silicone oil not containing petroleum or bituminous mineral oils	PCDMCP112	Medium-chain chlorinated paraffins - in preparations for treatment of materials in liquid form containing silicone oil not containing petroleum or bituminous mineral oils
		34039119	Other preparations for treatment of materials in liquid form not containing silicone oil not containing petroleum or bituminous mineral oils	PCDMCP112	Medium-chain chlorinated paraffins - in other preparations for treatment of materials in liquid form not containing silicone oil not containing petroleum or bituminous mineral oils
		34039912	Lubricating preparations with silicone oil in liquid form not containing petroleum or bituminous mineral oil	PCDMCP112	Medium-chain chlorinated paraffins - in lubricating preparations with silicone oil in liquid form not containing petroleum or bituminous mineral oils
		34039919	Other lubricating preparations in liquid form not	PCDMCP112	Medium-chain chlorinated paraffins - in other lubricating

S/N	Chemical/Product	HS Code	HS Description	Product Code	Product Description
			containing petroleum or bituminous mineral oil not elsewhere specified		preparations in liquid form not containing petroleum or bituminous mineral oils not elsewhere specified
		38112110	Additives for lubricating oil containing petroleum or oils from bituminous minerals for retail	PCDMCP112	Medium-chain chlorinated paraffins - in additives for lubricating oil containing petroleum or oils from bituminous minerals for retail
		38112190	Additives for lubricating oil containing petroleum or oils from bituminous minerals not for retail	PCDMCP112	Medium-chain chlorinated paraffins - in additives for lubricating oil containing petroleum or oils from bituminous minerals not for retail
		38112900	Additives for lubricating oil not containing petroleum or oils form bituminous materials	PCDMCP112	Medium-chain chlorinated paraffins - in additives for lubricating oil not containing petroleum or oils from bituminous minerals
		38122000	Compound plasticisers for rubber or plastics	PCDMCP112	Medium-chain chlorinated paraffins - in compound plasticisers for rubber or plastics
		38229090	Other diagnostic or laboratory reagents on a backing prepared diagnostic or laboratory reagents excluding heading 3006 & certified reference materials	PCDMCP112	Medium-chain chlorinated paraffins (Laboratory reagents)
3	Long-chain perfluorocarboxylic acids with chain lengths at least C9 but not exceeding C21, their salts	29159090	Other saturated acyclic monocarboxylic acids & their anhydride halide peroxides	PCDPCA111	Perfluorononanoic acid (PFNA) and its salts
				PCDPCA112	Perfluorodecanoic acid (PFDA) and its salts
				PCDPCA113	Perfluoroundecylic acid (PFUnDA) and its salts

S/N	Chemical/Product	HS Code	HS Description	Product Code	Product Description
	and related compounds (LC-PFCAs)		peroxyacids & their halogenated sulphonated nitrated or nitrosated derivatives	PCDPCA114	Perfluorododecanoic acid (PFDoDA) and its salts
				PCDPCA115	Perfluorotridecanoic acid (PFTrDA) and its salts
				PCDPCA116	Perfluorotetradecanoic acid (PFTDA) and its salts
				PCDPCA117	Perfluoropentadecanoic acid (PFPeDA) and its salts
				PCDPCA118	Perfluorohexadecanoic acid (PFHxDA) and its salts
				PCDPCA119	Perfluoroheptadecanoic acid (PFHpDA) and its salts
				PCDPCA120	Perfluorooctadecanoic acid (PFODA) and its salts
				PCDPCA121	Perfluorononadecanoic acid (PFNDA) and its salts
				PCDPCA122	Perfluoroeicosanoic acid and its salts
				PCDPCA123	Perfluoroheneicosanoic acid and its salts
				PCDPCA124	Long-chain perfluorocarboxylic acids (LC-PFCAs) related compounds
		38229090	Other diagnostic or laboratory reagents on a backing prepared diagnostic or laboratory reagents excluding heading 3006 & certified reference materials	PCDPCA111	Perfluorononanoic acid (PFNA) and its salts (Laboratory reagents)
				PCDPCA112	Perfluorodecanoic acid (PFDA) and its salts (Laboratory reagents)
				PCDPCA113	Perfluoroundecylic acid (PFUnDA) and its salts (Laboratory reagents)
				PCDPCA114	Perfluorododecanoic acid (PFDoDA) and its salts (Laboratory reagents)
				PCDPCA115	Perfluorotridecanoic acid (PFTrDA) and its salts (Laboratory reagents)
				PCDPCA116	Perfluorotetradecanoic acid (PFTDA) and its

S/N	Chemical/Product	HS Code	HS Description	Product Code	Product Description
					salts (Laboratory reagents)
				PCDPCA117	Perfluoropentadecanoic acid (PFPeDA) and its salts (Laboratory reagents)
				PCDPCA118	Perfluorohexadecanoic acid (PFHxDA) and its salts (Laboratory reagents)
				PCDPCA119	Perfluoroheptadecanoic acid (PFHpDA) and its salts (Laboratory reagents)
				PCDPCA120	Perfluorooctadecanoic acid (PFODA) and its salts (Laboratory reagents)
				PCDPCA121	Perfluorononadecanoic acid (PFNDA) and its salts (Laboratory reagents)
				PCDPCA122	Perfluoroeicosanoic acid and its salts (Laboratory reagents)
				PCDPCA123	Perfluoroheneicosanoic acid and its salts (Laboratory reagents)
				PCDPCA124	Long-chain perfluorocarboxylic acids (LC-PFCAs) related compounds (Laboratory reagents)